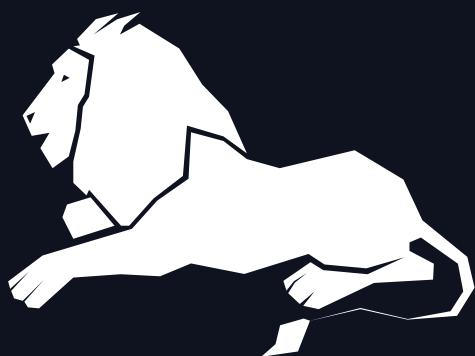
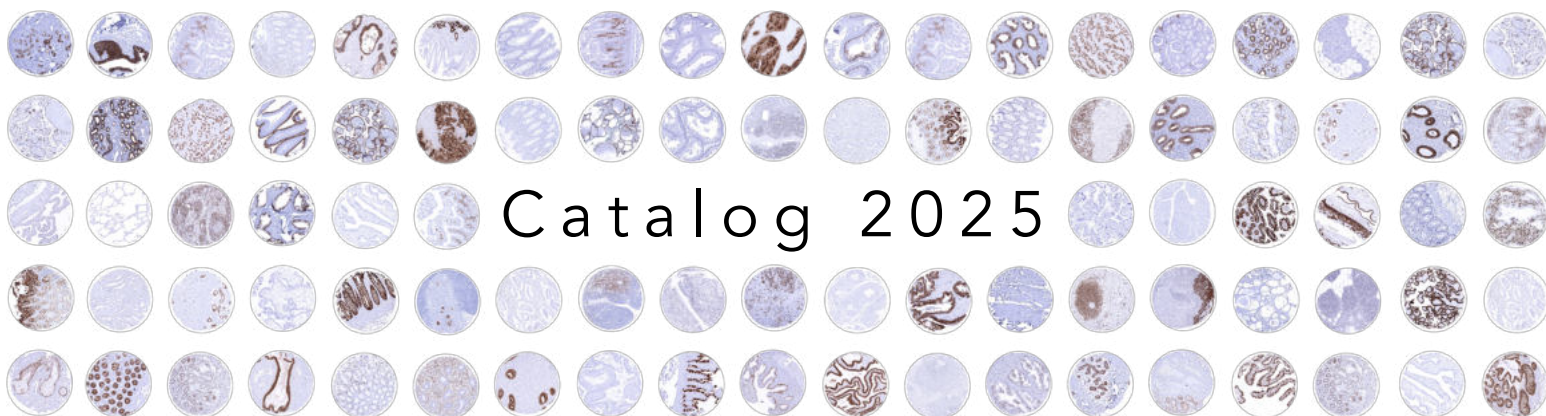




MS

Validated Antibodies



Large-Scale Validated Antibodies for
Immunohistochemistry

www.ms-validatedantibodies.com

MS Validated Antibodies GmbH

Bergstedter Chaussee 62a

22395 Hamburg

Tel: +49 (0) 40 89 72 55 81

E-Mail: info@ms-validatedantibodies.com

Website: ms-validatedantibodies.com



SCAN ME

For information on the specific selection and validation of MSVA antibodies
see page 1-9.

Our product overview and the individual antibodies can be found on page
10-31.

A distributor list is located on the last page.

All MSVA antibodies are validated on 76
different normal human tissues
by IHC

MS Validated Antibodies



Large-scale tissue-validated antibodies specifically designed
for immunohistochemistry on formalin-fixed tissue

Analyzing all human normal tissue types allows the testing of all human proteins
and their post-translational modifications for cross-reactivity

Highly selective validation pipeline: **Only 175 of 7,000** antibodies have passed
testing so far and were selected for the MSVA portfolio

Unique antibody documentation on the MSVA website with **60-100 images** of
relevant normal tissues and selected tumors

Documented performance characteristics of many antibodies in **studies**
involving more than **10,000 tumors**

Antibody Validation Approach

Antibodies intended for use on formalin-fixed tissue must be specifically validated on formalin-fixed tissue. According to the International Working Group for Antibody Validation (IWGAV), there are only two ways to document the specificity of antibodies for immunohistochemistry on this type of tissue. These are:

1. Orthogonal strategy

This means the comparison with a second independent method for measuring expression across a large number of different tissue types.

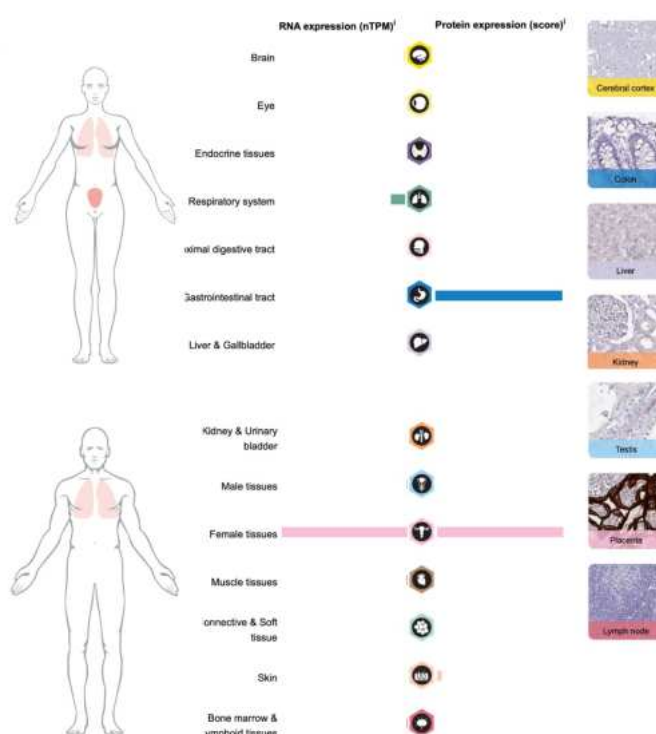
2. Independent antibody strategy

This means a comparison with one or more independent antibodies for the same target protein. Specific staining is achieved with both antibodies, while staining found with just one antibody must be considered non-specific or cross-reactive.

To ensure the best possible validation and to avoid the problem of non-specific antibodies, MS Validated Antibodies combines both approaches. The resulting abundance of information on the antibodies is available on our website.

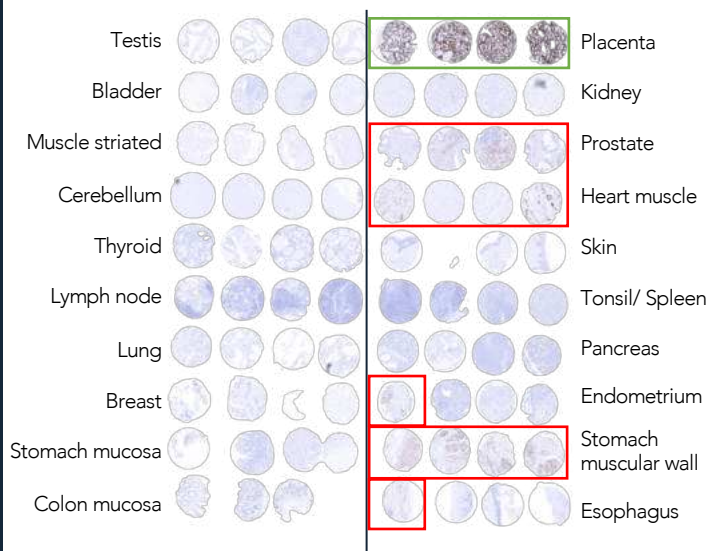
Step 1: Look up RNA data

First, we look up the RNA data from the *Human Protein Atlas*. It shows in which tissues staining is to be expected. For example, a PLAP antibody is expected to stain almost exclusively in the female genital tract (placenta). We only look at the RNA data because it is objectively measurable while the protein expression measurement can be falsified by the suboptimal selection of an antibody.



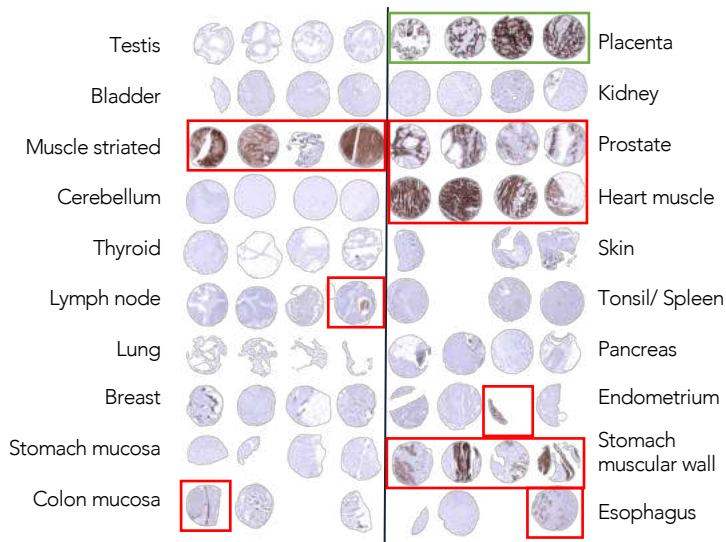
Step 2: Comparison of Antibodies

In the second step, we compare our MSVA product candidates with (at least) one other independent and established clone on the market to confirm the placenta staining as specific. In the images below, additional stainings outside of the placenta are both "antibody-specific" and represent cross-reactivities. We test product candidates until we find a suitable candidate. If not, we will not approve the antibody.



MSVA Product Candidate #1

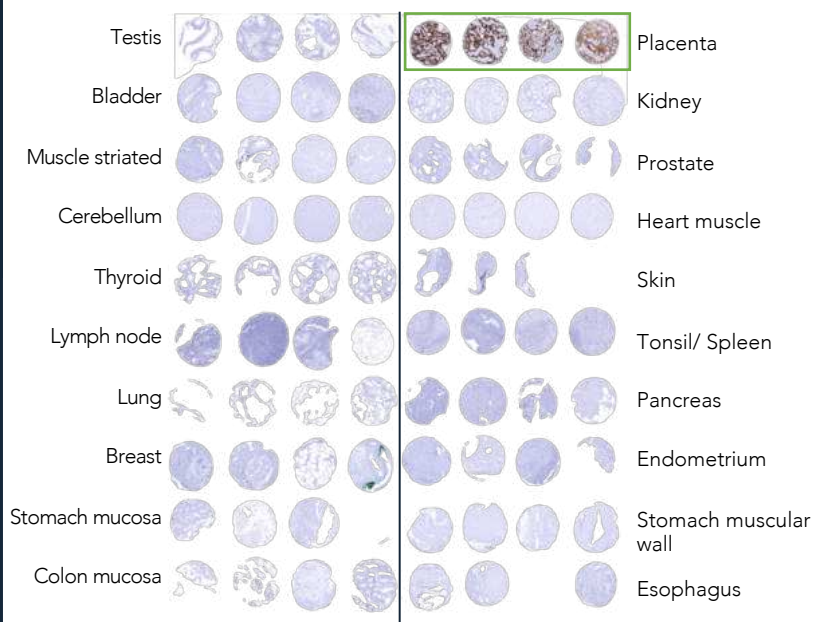
Not Approved – cross-reactive



Established IVD Product

Established antibody on the market shows also cross-reactivity

Final PLAP clone MSVA-350R

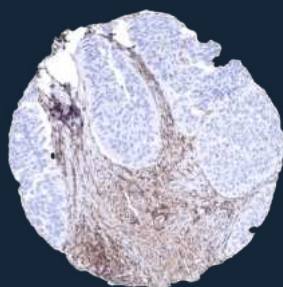


Approved!

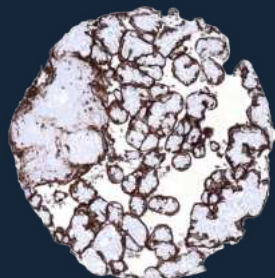
We identified a clone that shows no cross-reactivity

**Our PLAP clone MSVA-350R
only stains placenta on a
TMA test.**

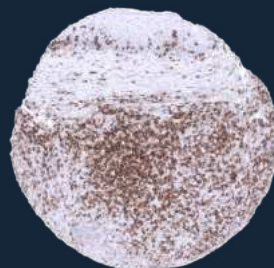
Product Highlights



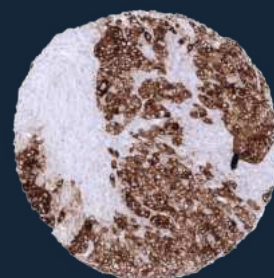
MTAP
MSVA-741R



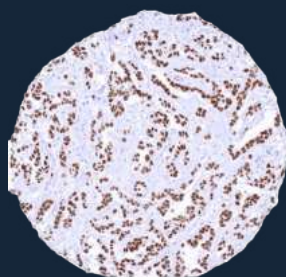
PLAP
MSVA-350R



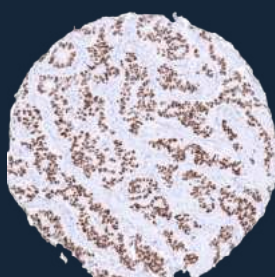
CD4
MSVA-004R



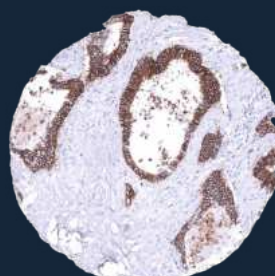
PD-L1
MSVA-711R



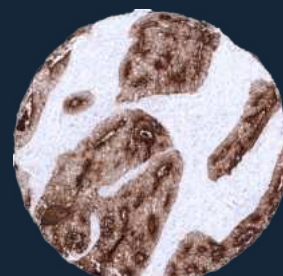
TRPS1
MSVA-512R



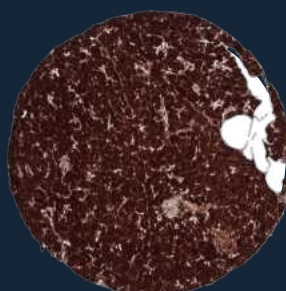
INSM1
MSVA-456R



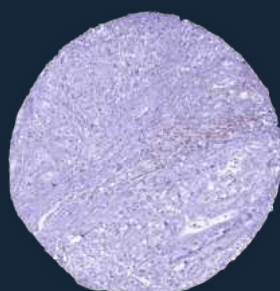
Cadherin 17 / CDH17
MSVA-517M



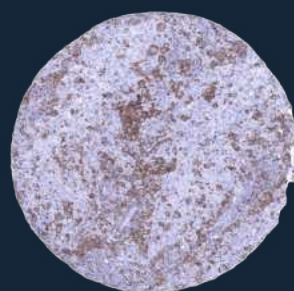
CEA
MSVA-465R



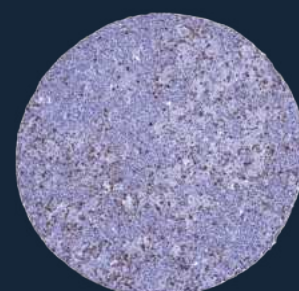
CPA1
MSVA-601M



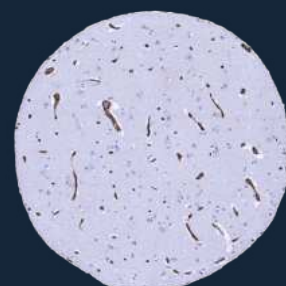
TIGIT
HMV322



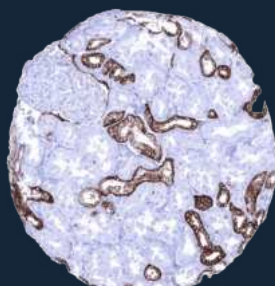
TIM3
MSVA-366R



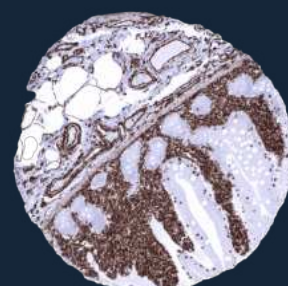
CTLA-4
MSVA-152R



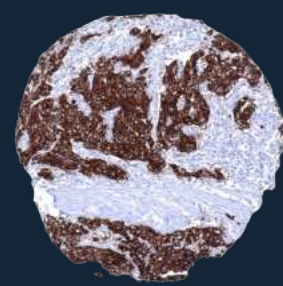
GLUT1
MSVA-401R



Trop2 / TACSTD2
MSVA-733R



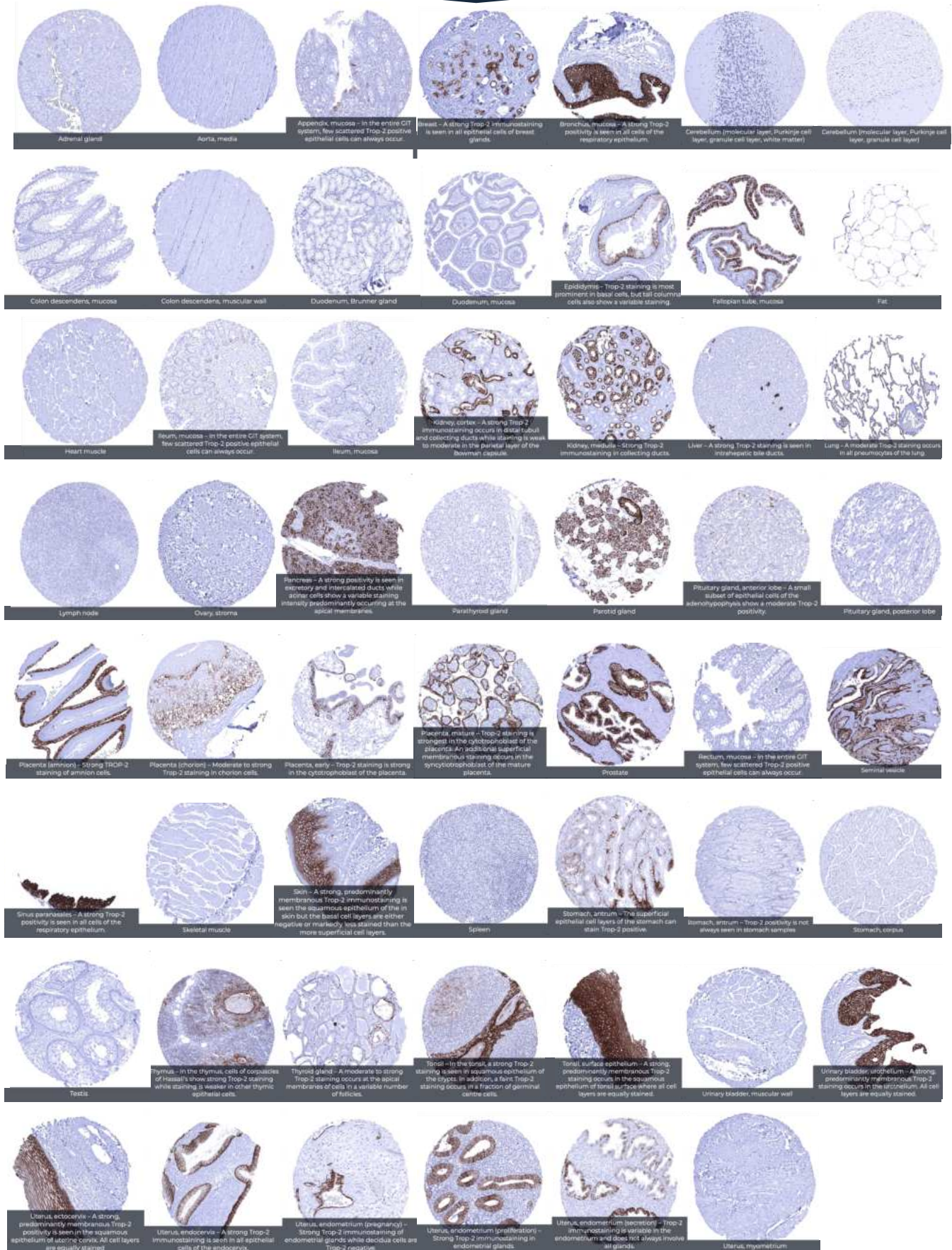
Vimentin
MSVA-458R



Uroplakin 1b
MSVA-734M

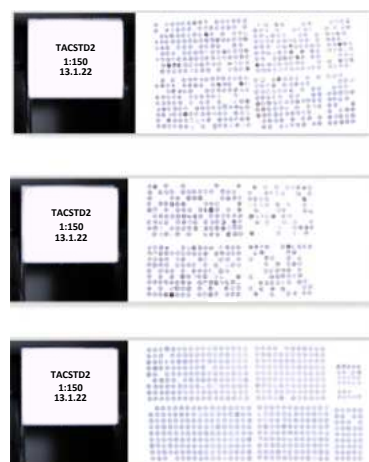
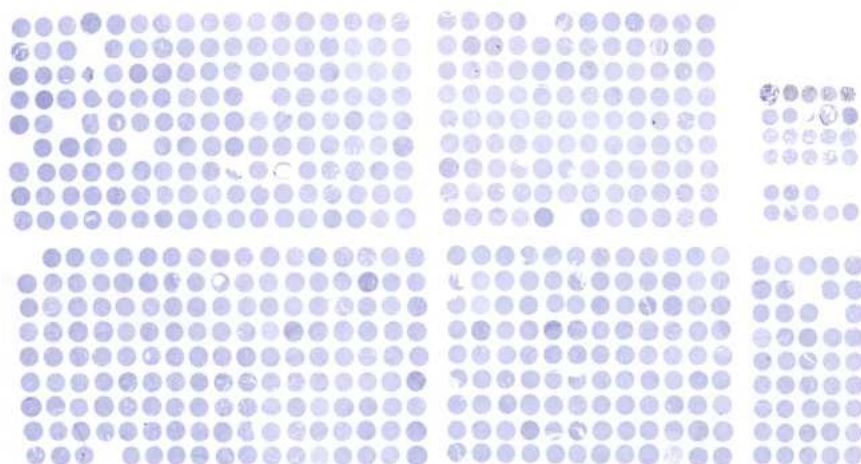
Normal and Cancer Tissue Galleries

Gallery of normal tissue and cancer tissue with more than 60 images on our website for each antibody. Here an extract of our Trop-2 (MSVA-733R) normal tissue gallery.



MSVA Large-Scale Studies

It is often not known to researchers and pathologists where certain antibodies should stain and literature data on certain proteins show inconsistent results. In order to get a true picture of the staining behavior of an antibody MSVA supports IHC large-scale studies on thousands of different tumor samples.



Arginase-1 clone MSVA-511R
14,912 samples

MTAP clone MSVA-741R
13,067 samples

Cytokeratin 5 MSVA-605M &
Cytokeratin 6 MSVA-606R
15,000 samples

CTLA-4 clone MSVA-152R
4,582 samples

TTF-1 clone MSVA-312R
15,564 samples

INSM1 clone MSVA-456R
14,908 samples

PAX8 clone MSVA-708R
15,223 samples

PD-L1 clone MSVA-711R
14,000 samples

PSAP antibody clone MSVA-452M
31,358 samples

TACSTD2 / Trop-2 clone MSVA-733
18,563 samples

EpCam /Pan CK / Trop-2
14,832 samples

CEA clone MSVA-465R
15,413 samples

CPA1 clone MSVA-601M
12,274 samples

Cytokeratin 7 clone MSVA-607R &
Cytokeratin 20 clone MSVA-620R
15,424 samples

TRPS1 clone 512R
16,818 samples

GATA3 clone MSVA-450M
16,557 samples

Mesothelin clone MSVA-235M
12,679 samples

p16 clone MSVA-016R
15,783 samples

PLAP clone MSVA-350R
12,381 samples

Progesterone Receptor clone MSVA-570R
16,445 samples

P63 MSVA-063R
10,200 samples

Uroplakin 1B clone MSVA-734M
14,061 samples

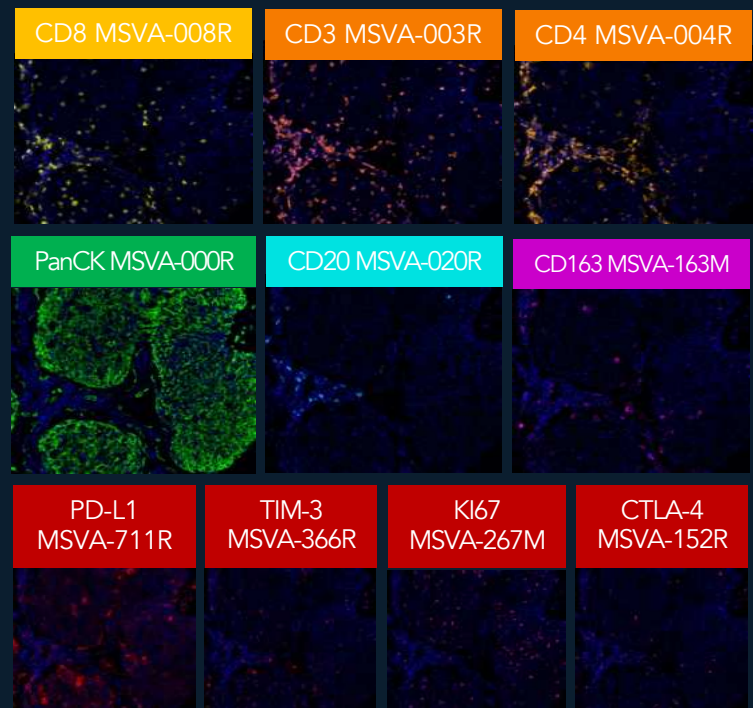
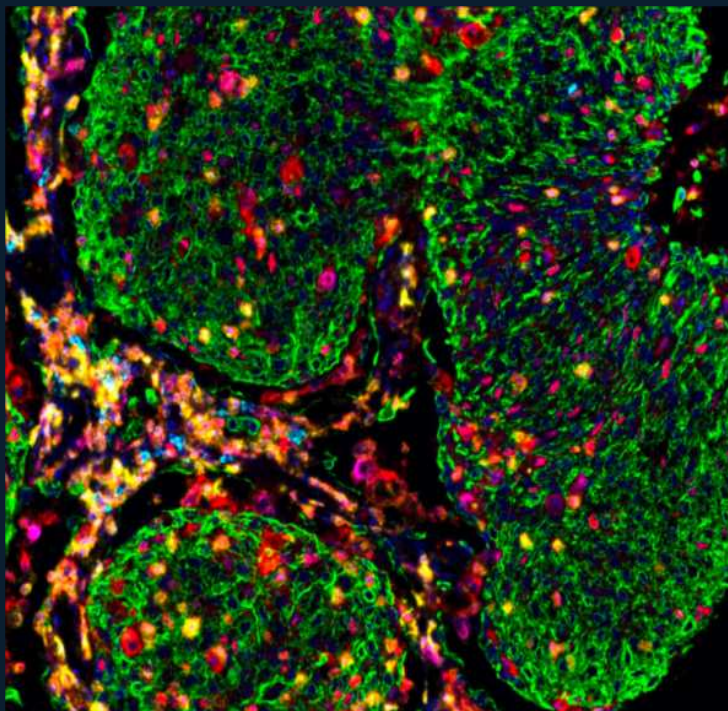
Multiplex Fluorescence Immunohistochemistry

The future of immunohistochemistry

Multiplex fluorescence immunohistochemistry (mFIHC) allows multiple antibodies to be applied to a tissue slide. Currently available devices allow the simultaneous analysis of 4 (Versa 8, Leica), 6 (Vectra Polaris, AKOYA) up to more than 50 antibodies (CODEX, AKOYA). Sophisticated analysis frameworks use artificial intelligence to identify specific cell types defined by a combination of positive and negative antibody staining and the spatial relationship between those cell types.

Due to the high number of different “colors” on each stained slide and the impaired differentiation of morphological cell types in fluorescence imaging, visual quality control of individual antibodies becomes impossible. Non-specific or cross-reactive antibody staining of one or more antibodies used in a multicolor panel can seriously distort the data and conclusions from the experiments.

Hence the quality of the composite of antibodies used
in a mFIHC panel is crucial.



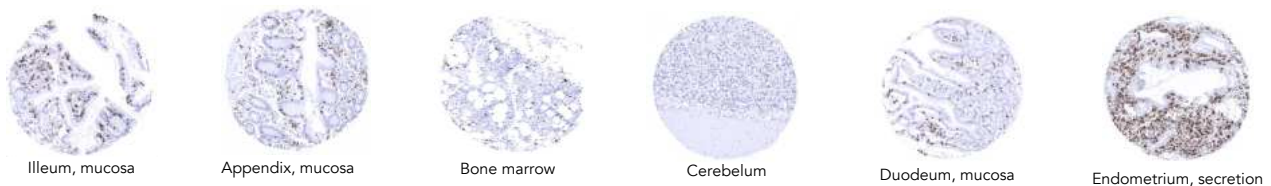
Also available BSA & azide free

MSVA Website

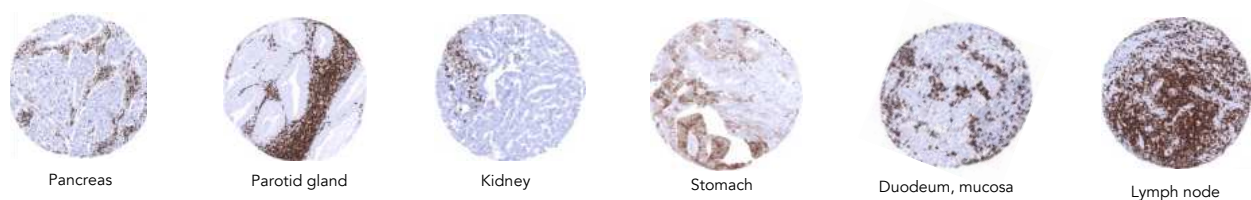
a useful guide for our antibody users

MS Validated Antibodies is dedicated to provide users with unique product documentation that allows them to better understand their antibodies, which is key to a successful use of an antibody in IHC. We provide up to 100 images of each antibody in a normal tissue gallery and cancer tissue gallery.

Images of normal tissue gallery of CD7 MSVA-007R



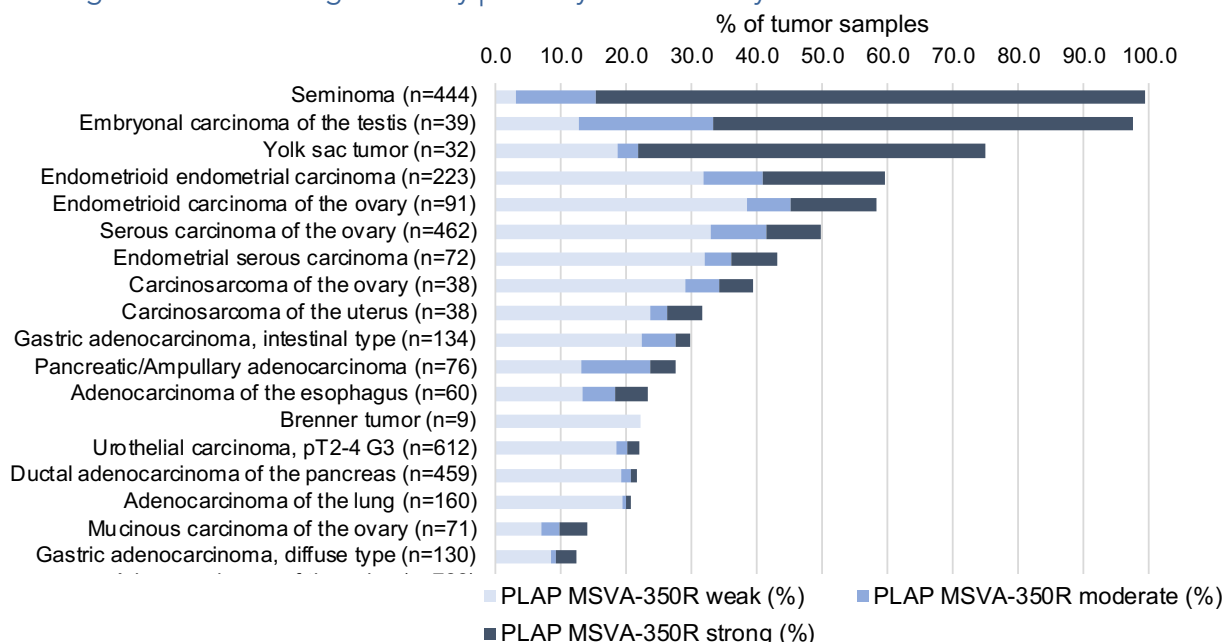
Images of cancer tissue gallery of CD7 MSVA-007R



We provide our own validation data as well as links to other relevant sources such as the Human Protein Atlas, the TCGA database or published studies. Most of the information is underlined with images, graphics and tables. Here is an example of a summary of a study using our PLAP antibody.

Data from the publication: ["Pattern of placental alkaline phosphatase \(PLAP\) expression in human tumors: a tissue microarray study on 12,381 tumors"](#). Published by Reiswich et al. in the Journal of Pathology: Clinical Research, August 7th, 2021. Summarized in own graphics:

PLAP staining in tumors "ranking order" by positivity with antibody MSVA-350R.

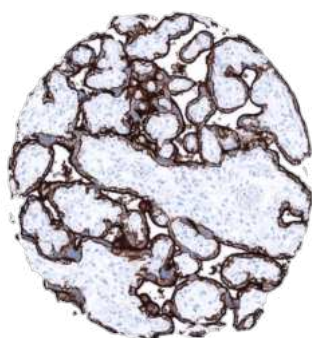


Protocol Recommendations

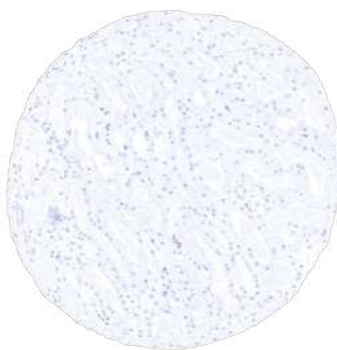
We offer protocol recommendations for manual protocols and Autostainers from Dako, Leica and Ventana.

Agilent / Dako – Autostainer Link 48

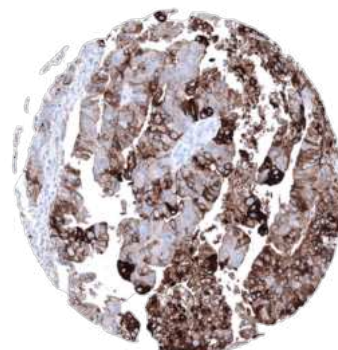
Pretreatment in PT-Link for 30 minutes at 95°C (pH high); FLEX peroxidase blocking for 5 minutes (room temperature), MSVA-350R 1:150 for 20 minutes (room temperature), FLEX+ mouse/rabbit (LINKER) for 15 minutes (room temperature), horseradish peroxidase (HRP) for 20 minutes (room temperature), FLEX DAB+Sub-Chromo for 10 minutes (room temperature), FLEX hematoxylin for 5 minutes (room temperature).



Dako – Placenta



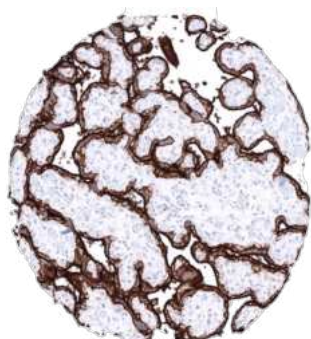
Dako – Kidney



Dako – Esophagus Adenocarcinoma

Leica – BOND RX

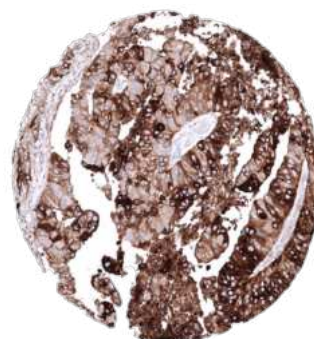
Dewax at 72°C for 30 seconds; Pretreatment in Bond Epitope Retrieval Solution (ER2 – EDTA pH9) for 20 minutes at 100°C; Peroxidase blocking for 5 minutes (room temperature), MSVA-350R 1:150 for 15 minutes (room temperature), Post primary (rabbit anti mouse) for 8 minutes (room temperature), Polymer (goat anti rabbit) for 8 minutes (room temperature), mixed DAB refine for 10 minutes (room temperature), hematoxylin for 5 minutes (room temperature).



Leica – Placenta



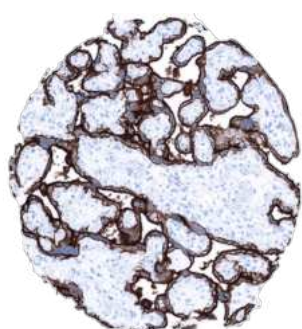
Leica – Kidney



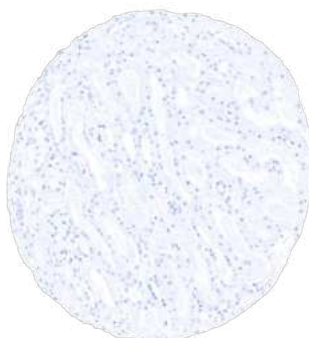
Leica – Esophagus Adenocarcinoma

Roche – Ventana Discovery ULTRA

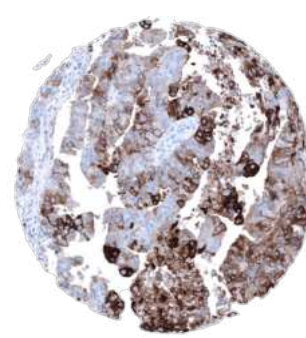
Pretreatment for 64 minutes at 100°C (pH 8,4); CM peroxidase blocking for 12 minutes (room temperature), MSVA-350R 1:150 for 20 minutes at 36°C, secondary antibody (anti-rabbit HQ) for 12 minutes at 36°C, anti-HQ HRP for 12 minutes at room temperature, DAB at room temperature, hematoxylin II at room temperature for 8 minutes, bluing reagent at room temperature for 4 minutes.



Ventana – Placenta



Ventana – Kidney



Ventana – Esophagus Adenocarcinoma

Antibody Index

A

53BP1
ACE2
AIF1
Androgen Receptor
Anterior Gradient 2
Arginase-1

B

Brachyury
BRG1 / SMARCA4

C

CA19-9
Calbindin 1
Caldesmon
Calponin
Caspase 3
CBP
CD1a
CD3
CD4
CD5
CD7
CD8
CD20
CD22
CD23
CD27
CD31
CD32
CD34
CD38
CD44
CD45
CD45RA
CD56
CD 141
CD163
CD171
CDH16 / Cadherin-16
CDH17 / Cadherin-17
CEA / CEACAM5
CELA3B
Chromogranin A
Claudin 3
Collagen IV

Collagen IV
CPA1 / Carboxypeptidase A1
C-Peptide
CTLA-4 / CD152
Cyclin E1
Cystatin A
Cytokeratin 5
Cytokeratin 6
Cytokeratin 7
Cytokeratin 10
Cytokeratin 13
Cytokeratin 14
Cytokeratin 15
Cytokeratin 17
Cytokeratin 18
Cytokeratin 19
Cytokeratin 20
Cytokeratin Pan

D

Decorin
Desmin
Desmoglein 1
Desmoglein 3
DOG-1

E

EBV (Epstein-Barr-Virus)
E-Cadherin
Elastin
EpCam / CD326
Estrogen Receptor

F

FABP1
Factor 13 alpha

G

GAD2 / GAD65
GATA3
Glucocorticoid Receptor
Glutamine Synthetase
GLUT1
GP2
GPX2

H

Helicobacter Pylori
Hepatocyte Specific
HER2 / CD340
Histone H3
HLA-DRA
HLA-DRb
HMGA2
HMGB1

I

IgA / Immunglobulin A
IgD / Immunglobulin D
Inhibin alpha
INSM1
Insulin

K

KAP1/ TRIM28
KDM6A
Ki-67
KLK7

M

Mammaglobin
MBP / Myelin Basic Protein
MCM2
MCM3
MCM7
Melan A CR (cross reactive)
Melan A specific
Mesothelin
MPO/ Myeloperoxidase
MRe11
MSH2
MSH6
MTAP
MUC1
MUC2
MUC5AC
MUC6
MX1
Myosin Heavy Chain 11
Myosin Heavy Chain 7 / MYH7

N

Napsin A
NFI
NSE gamma
Nucleolin

O

Occludin

P

p16
p53
p63
PAI2
PAPP-A
PARP
PAX6
PAX8
PD-L1
Pepsinogen I
Periostin
PGP9.5
PLAP
PMEL17 / gp100
Progesterone Receptor

Protein

PSA / Prostate Specific Antigen
PSAP / ACP3 / ACP
PSAT1
PTH / Parathyroid Hormone

S

S100
S100A12
S100P
SATB2
SDHB
Somatostatin
SOX2
SOX9
STAR
STING1
Synaptophysin

T

TACSTD2 / Trop2
TdT
TFE3 / Transcription factor E3
TFF-1 / pS2
Thymidylate synthase
Thyroglobulin

TIGIT

TIM3

TLE1

TOP2A / TOPO2A

TRIM29

TRPS1

TTF-1 / Thyroid Transcription Factor 1 / NKX2-1

Tyrosine Hydroxylase

U

Uroplakin 1A

Uroplakin 1B

Uroplakin 3B

V

Villin

Vimentin

vWf

X

XRCC5/Ku-p80

Z

ZAP-70

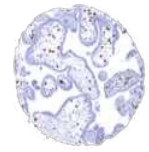
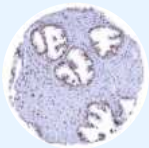
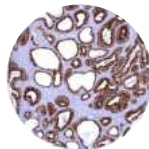
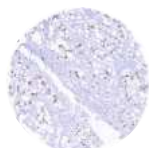
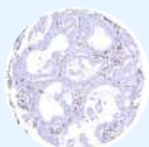
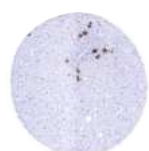
General information

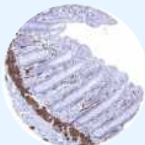
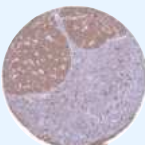
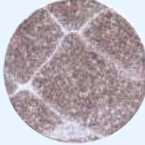
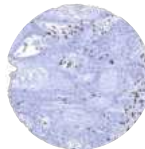
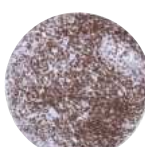
All antibodies are also available BSA and azide free.

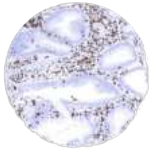
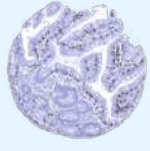
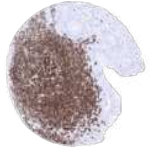
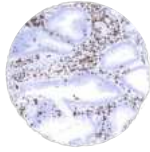
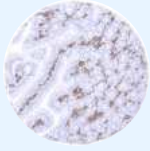
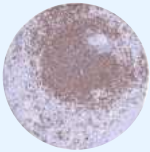
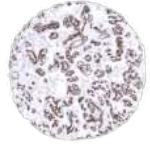
Delivery time concentrate: 1-3 business days

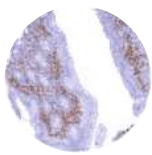
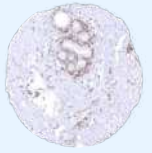
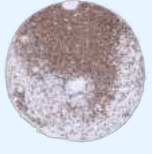
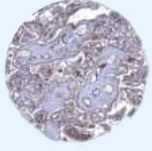
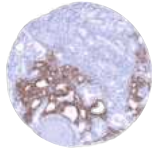
Delivery time BSA free: 3-5 weeks

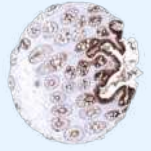
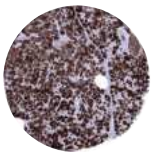
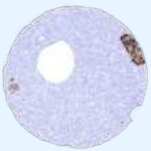
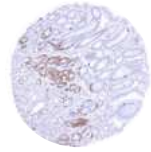
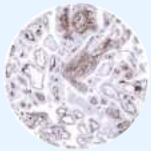
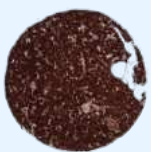
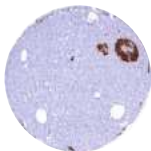
An overview of our distributors is located on the last page

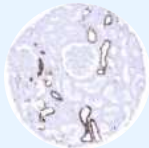
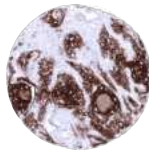
Antibody		Format	Status	Dilution	Volume	Catalog Number	
53BP1							
Clone	HMV324	conc.	RUO	100-200	0,1ml	6485-324-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6485-324-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6485-324-1	
ACE2							
Clone	MSVA-919R	conc.	RUO	100-200	0,1ml	3319-919R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3319-919R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3319-919R-1	
AIF1							
Clone	MSVA-955M	conc.	RUO	100-200	0,1ml	4444-955M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4444-955M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4444-955M-1	
Androgen Receptor							
Clone	MSVA-367R	conc.	RUO	100-200	0,1ml	2145-367R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2145-367R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2145-367R-1	
Anterior Gradient 2 / AGR2							
Clone	HMV325	conc.	RUO	100-200	0,1ml	6393-325-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6393-325-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6393-325-1	
Arginase-1							
Clone	MSVA-511R	conc.	RUO	100-200	0,1ml	3320-511R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3320-511R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3320-511R-1	
Brachyury							
Clone	HMV321	conc.	RUO	100-200	0,1ml	6745-321-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6745-321-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6745-321-1	
BRG1 / SMARCA4							
Clone	MSVA-397R	conc.	RUO	100-200	0,1ml	5678-397R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5678-397R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5678-397R-1	
CA19-9							
Clone	HMV333	conc.	RUO	100-200	0,1ml	6737-333-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	6737-333-05	
Isotype	IgG1	conc.	RUO	100-200	1ml	6737-333-1	

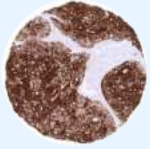
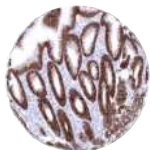
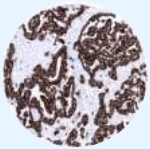
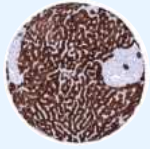
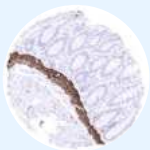
Antibody		Format	Status	Dilution	Volume	Catalog Number	
Calbindin 1							
Clone	MSVA-471M	conc.	RUO	50-100	0,1ml	3969-471M-01	
Host	Mouse	conc.	RUO	50-100	0,5ml	3969-471M-05	
Isotype	IgG	conc.	RUO	50-100	1ml	3969-471M-1	
Caldesmon							
Clone	MSVA-538R	conc.	RUO	100-200	0,1ml	3859-538R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3859-538R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3859-538R-1	
Calponin							
Clone	MSVA-455R	conc.	RUO	100-200	0,1ml	2446-455R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2446-455R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2446-455R-1	
Caspase 3							
Clone	HMV307	conc.	RUO	100-200	0,1ml	6507-307-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6507-307-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6507-307-1	
CBP							
Clone	HMV319	conc.	RUO	100-200	0,1ml	6646-319-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6646-319-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6646-319-1	
CD1a							
Clone	MSVA-001M	conc.	RUO	100-200	0,1ml	2682-001M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2862-001M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2862-001M-1	
CD3							
Clone	MSVA-003R	conc.	RUO	100-200	0,1ml	2465-003R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2465-003R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2465-003R-1	
CD4							
Clone	MSVA-004R	conc.	RUO	100-200	0,1ml	2278-004R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2278-004R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2278-004R-1	
CD5							
Clone	MSVA-005R	conc.	RUO	100-200	0,1ml	3323-005R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3323-005R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3323-005R-1	

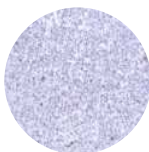
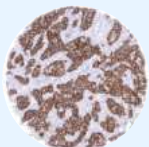
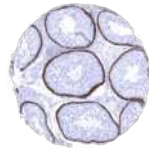
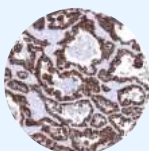
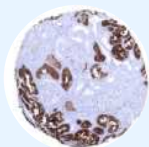
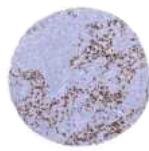
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CD7							
Clone	MSVA-007R	conc.	RUO	100-200	0,1ml	2471-007R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2471-007R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2471-007R-1	
CD8							
Clone	MSVA-008R	conc.	RUO	100-200	0,1ml	2474-008R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2474-008R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2474-008R-1	
CD20							
Clone	MSVA-020R	conc.	RUO	100-200	0,1ml	2483-020R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2483-020R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2483-020R-1	
CD22							
Clone	MSVA-022R	conc.	RUO	100-200	0,1ml	2492-022R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2492-022R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2492-022R-1	
CD23							
Clone	MSVA-023M	conc.	RUO	100-200	0,1ml	4594-023M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4594-023M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4594-023M-1	
CD27							
Clone	MSVA-027M	conc.	RUO	100-200	0,1ml	2503-027M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2503-027M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2503-027M-1	
CD31							
Clone	MSVA-031M	conc.	RUO	100-200	0,1ml	2517-031M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2517-031M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2517-031M-1	
CD32B							
Clone	HMV315	conc.	RUO	100-200	0,1ml	6368-315-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6368-315-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6368-315-1	
CD34							
Clone	MSVA-034R	conc.	RUO	100-200	0,1ml	2431-034R -01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2431-034R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2431-034R-1	

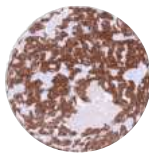
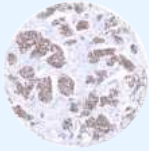
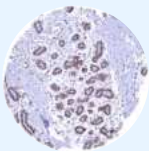
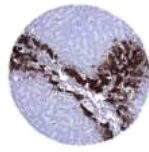
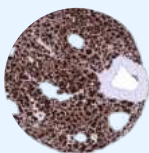
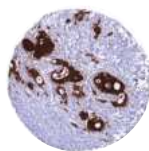
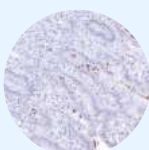
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CD38							
Clone	MSVA-038R	conc.	RUO	100-200	0,1ml	2662-038R -01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2662-038R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2662-038R-1	
CD44							
Clone	MSVA-044R	conc.	RUO	100-200	0,1ml	2675-044R -01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2675-044R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2675-044R-1	
CD45							
Clone	MSVA-045R	conc.	RUO	100-200	0,1ml	3333-045R -01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3333-045R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3333-045R-1	
CD45RA							
Clone	MSVA-472M	conc.	RUO	100-200	0,1ml	2193-472M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2193-472M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2193-472M-1	
CD56							
Clone	MSVA-056R	conc.	RUO	100-200	0,1ml	6173-056R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6173-056R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6173-056R-1	
CD141							
Clone	MSVA-141M	conc.	RUO	100-200	0,1ml	4706-141M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	4706-141M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4706-141M-1	
CD163							
Clone	MSVA-163M	conc.	RUO	100-200	0,1ml	2335-163M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2335-163M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2335-163M-1	
CD171							
Clone	MSVA-171R	conc.	RUO	100-200	0,1ml	6263-171R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6263-171R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6263-171R-1	
CDH16 / Cadherin-16							
Clone	MSVA-516R	conc.	RUO	100-200	0,1ml	4036-516R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4036-516R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4036-516R-1	

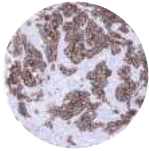
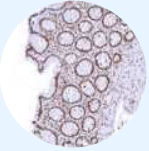
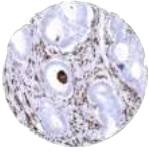
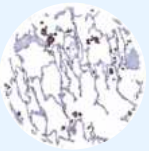
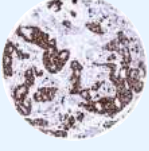
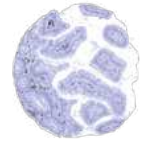
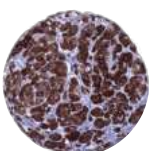
Antibody	Format	Status	Dilution	Volume	Catalog Number	
CDH17 / Cadherin-17						
Clone	MSVA-517M	conc.	RUO	100-200	0,1ml	3687-517M-01
Host	Mouse	conc.	RUO	100-200	0,5ml	3687-517M-05
Isotype	IgG	conc.	RUO	100-200	1ml	3687-517M--1
						
CEA / CEACAM5						
Clone	MSVA-465R	conc.	RUO	100-200	0,1ml	2563-465R -01
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2563-465R-05
Isotype	IgG	conc.	RUO	100-200	1ml	2563-465R-1
						
CELA3B						
Clone	MSVA-410M	conc.	RUO	100-200	0,1ml	3682-410M-01
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	3682-410M-05
Isotype	IgG	conc.	RUO	100-200	1ml	3682-410M-1
						
Chromogranin A						
Clone	MSVA-380R	conc.	RUO	100-200	0,1ml	2175-380R -01
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2175-380R-05
Isotype	IgG	conc.	RUO	100-200	1ml	2175-380R-1
						
Claudin 3						
Clone	HMV309	conc.	RUO	100-200	0,1ml	6350-309-01
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6350-309-05
Isotype	IgG	conc.	RUO	100-200	1ml	6350-309-1
						
Collagen IV						
Clone	MSVA-704R	conc.	RUO	100-200	0,1ml	3365-704R-01
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3365-704R-05
Isotype	IgG	conc.	RUO	100-200	1ml	3365-704R-1
						
CPA1 / Carboxypeptidase A1						
Clone	MSVA-601M	conc.	RUO	100-200	0,1ml	3354-601M-01
Host	Mouse	conc.	RUO	100-200	0,5ml	3354-601M-05
Isotype	IgG	conc.	RUO	100-200	1ml	3354-601M-1
						
CPA1 / Carboxypeptidase A1						
Clone	MSVA-357R	conc.	RUO	100-200	0,1ml	6778-357R-01
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6778-357R-05
Isotype	IgG	conc.	RUO	100-200	1ml	6778-357R-1
						
C-Peptide						
Clone	HMV363	conc.	RUO	100-200	0,1ml	6402-363-01
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6402-363-05
Isotype	IgG	conc.	RUO	100-200	1ml	6402-363-1
						

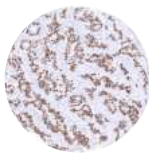
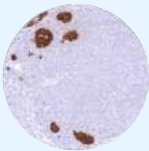
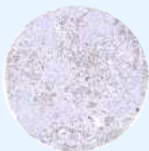
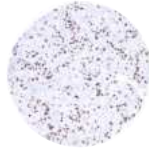
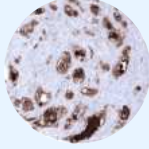
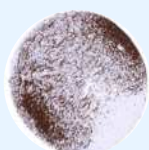
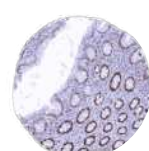
Antibody		Format	Status	Dilution	Volume	Catalog Number	
CTLA-4 / CD152							
Clone	MSVA-152R	conc.	RUO	50-100	0,1ml	3451-152R-01	
Host	Recombinant Rabbit	conc.	RUO	50-100	0,5ml	3451-152R-05	
Isotype	IgG	conc.	RUO	50-100	1ml	3451-152R-1	
Cyclin E1							
Clone	MSVA-898R	conc.	RUO	50-100	0,1ml	3566-898R-01	
Host	Recombinant Rabbit	conc.	RUO	50-100	0,5ml	3566-898R-05	
Isotype	IgG	conc.	RUO	50-100	1ml	3566-898R-1	
Cystatin A							
Clone	MSVA-461M	conc.	RUO	100-200	0,1ml	3938-461M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3938-461M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3938-461M-1	
Cytokeratin 5							
Clone	MSVA-605M	conc.	RUO	100-200	0,1ml	2608-605M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2608-605M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2608-605M-1	
Cytokeratin 6							
Clone	MSVA-606R	conc.	RUO	100-200	0,1ml	2616-606R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2616-606R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2616-606R-1	
Cytokeratin 7							
Clone	MSVA-607R	conc.	RUO	100-200	0,1ml	2230-607R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2230-607R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2230-607R-1	
Cytokeratin 10							
Clone	MSVA-610M	conc.	RUO	100-200	0,1ml	2593-610M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2593-610M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2593-610M-1	
Cytokeratin 13							
Clone	MSVA-613M	conc.	RUO	100-200	0,1ml	2373-613M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2373-613M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2373-613M-1	
Cytokeratin 14							
Clone	MSVA-614R	conc.	RUO	100-200	0,1ml	2256-614R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2256-614R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2256-614R-1	

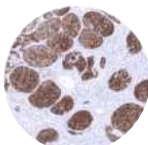
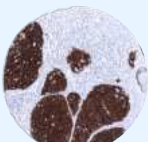
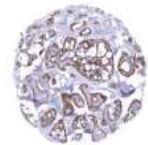
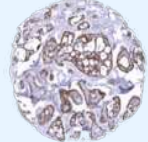
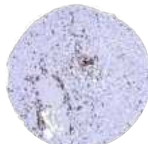
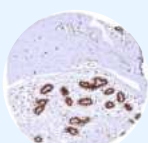
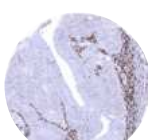
Antibody		Format	Status	Dilution	Volume	Catalog Number	
Cytokeratin 15							
Clone	MSVA-615M	conc.	RUO	50-100	0,1ml	2748-615M-01	
Host	Mouse	conc.	RUO	50-100	0,5ml	2748-615M-05	
Isotype	IgG	conc.	RUO	50-100	1ml	2748-615M-1	
Cytokeratin 17							
Clone	MSVA-117R	conc.	RUO	100-200	0,1ml	5974-117R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5974-117R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5974-117R-1	
Cytokeratin 18							
Clone	MSVA-118R	conc.	RUO	100-200	0,1ml	2205-118R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2205-118R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2205-118R-1	
Cytokeratin 19							
Clone	MSVA-119M	conc.	RUO	100-200	0,1ml	2273-119M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2273-119M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2273-119M-1	
Cytokeratin 20							
Clone	MSVA-620R	conc.	RUO	100-200	0,1ml	2238-620R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2238-620R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2238-620R-1	
Cytokeratin Pan							
Clone	MSVA-000R	conc.	RUO	100-200	0,1ml	2105-000R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2105-000R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2105-000R-1	
Decorin							
Clone	MSVA-537R	conc.	RUO	100-200	0,1ml	408-537R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	408-537R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	408-537R-1	
Desmin							
Clone	MSVA-651M	conc.	RUO	100-200	0,1ml	2732-651M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2732-651M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2732-651M-1	
Desmoglein 1							
Clone	MSVA-544M	conc.	RUO	75-100	0,1ml	4420-544M-01	
Host	Mouse	conc.	RUO	75-100	0,5ml	4420-544M-05	
Isotype	IgG	conc.	RUO	75-100	1ml	4420-544M-1	

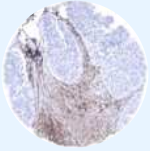
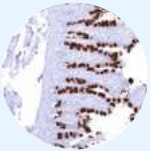
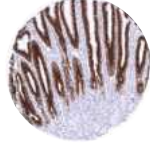
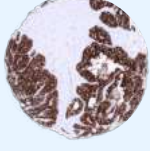
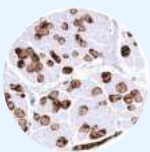
Antibody		Format	Status	Dilution	Volume	Catalog Number	
Desmoglein 3							
Clone	MSVA-543M	conc.	RUO	75-100	0,1ml	355-543M-01	
Host	Mouse	conc.	RUO	75-100	0,5ml	355-543M-05	
Isotype	IgG	conc.	RUO	75-100	1ml	355-543M-1	
DOG-1							
Clone	MSVA-201M	conc.	RUO	100-200	0,1ml	2170-201M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2170-201M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2170-201M-1	
EBV (Epstein-Barr-Virus)							
Clone	MSVA-539M	conc.	RUO	100-200	0,1ml	5407-539R-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	5407-539R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5407-539R-1	
E-Cadherin							
Clone	MSVA-035R	conc.	RUO	100-200	0,1ml	2140-035R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2140-035R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2140-035R-1	
Elastin							
Clone	MSVA-648R	conc.	RUO	100-200	0,1ml	4448-648R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4448-648R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4448-648R-1	
EpCAM / CD326							
Clone	MSVA-326R	conc.	RUO	100-200	0,1ml	2315-326R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2315-326R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2315-326R-1	
Estrogen Receptor							
Clone	MSVA-564R	conc.	RUO	100-200	0,1ml	4670-564R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4670-564R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4670-564R-1	
FABP1							
Clone	MSVA-501M	conc.	RUO	100-200	0,1ml	3737-501M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3737-501M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3737-501M-1	
Factor 13 alpha							
Clone	MSVA-813R	conc.	RUO	100-200	0,1ml	3924-813R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3924-813R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3924-813R-1	

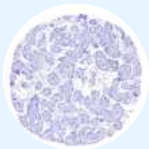
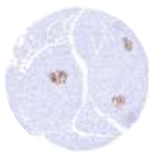
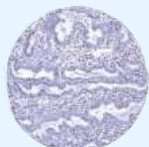
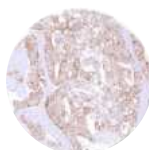
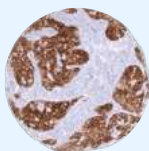
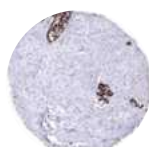
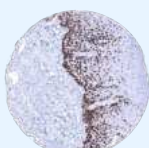
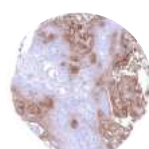
Antibody		Format	Status	Dilution	Volume	Catalog Number	
GAD2 / GAD65							
Clone	MSVA-602M	conc.	RUO	100-200	0,1ml	4975-602M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4975-602M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4975-602M-1	
GATA3							
Clone	MSVA-450M	conc.	RUO	50-100	0,1ml	2980-450M-01	
Host	Mouse	conc.	RUO	50-100	0,5ml	2980-450M-05	
Isotype	IgG	conc.	RUO	50-100	1ml	2980-450M-1	
GLUT1							
Clone	MSVA-401R	conc.	RUO	100-200	0,1ml	4457-401R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4457-401R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4457-401R-1	
Glucocorticoid Receptor							
Clone	HMV304	conc.	RUO	100-200	0,1ml	6497-304-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6497-304-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6497-304-05	
Glutamine Synthetase							
Clone	MSVA-750M	conc.	RUO	100-200	0,1ml	4565-750M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4565-750M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4565-750M-1	
GP2							
Clone	MSVA-475M	conc.	RUO	100-200	0,1ml	3409-475M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3409-475M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3409-475M-1	
GPX2							
Clone	HMV301	conc.	RUO	100-200	0,1ml	6488-301-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6488-301-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6488-301-1	
Helicobacter Pylori							
Clone	MSVA-466M	conc.	RUO	100-200	0,1ml	5099-466M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	5099-466M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5099-466M-1	
Hepatocyte Specific							
Clone	MSVA-OCE5	conc.	RUO	100-200	0,1ml	5091-OCE5-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	5091-OCE5-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5091-OCE5-1	

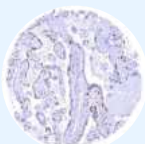
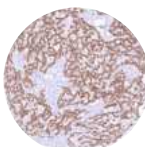
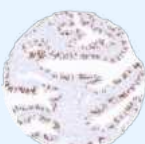
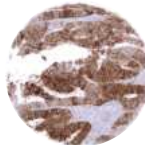
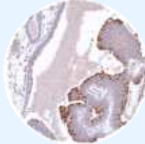
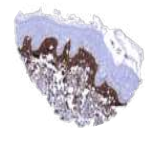
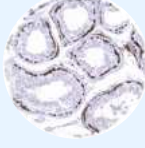
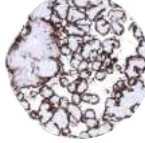
Antibody		Format	Status	Dilution	Volume	Catalog Number	
HER2 / CD340							
Clone	MSVA-340R	conc.	RUO	25-50	0,1ml	3325-340R-01	
Host	Recombinant Rabbit	conc.	RUO	25-50	0,5ml	3325-340R-05	
Isotype	IgG	conc.	RUO	25-50	1ml	3325-340R-1	
Histone H3							
Clone	MSVA-903M	conc.	RUO	100-200	0,1ml	3122-903M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3122-903M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3122-903M-1	
HLA-DRA							
Clone	MSVA-470R	conc.	RUO	100-200	0,1ml	3328-470R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3328-470R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3328-470R-1	
HLA-DRB1							
Clone	MSVA-478R	conc.	RUO	100-200	0,1ml	4232-478R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4232-478R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4232-478R-1	
HMGA2							
Clone	HMV314	conc.	RUO	100-200	0,1ml	6632-314-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6632-314-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6632-314-1	
HMGB1							
Clone	HMV317	conc.	RUO	100-200	0,1ml	6559-317-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6559-317-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6559-317-1	
IgA / Immunglobulin A							
Clone	MSVA-700R	conc.	RUO	100-200	0,1ml	3489-700R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3489-700R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3489-700R-1	
IgD / Immunglobulin D							
Clone	MSVA-701R	conc.	RUO	100-200	0,1ml	3485-701R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3485-701R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3485-701R-1	
Inhibin alpha							
Clone	MSVA-561R	conc.	RUO	75-150	0,1ml	2879-561R-01	
Host	Recombinant Rabbit	conc.	RUO	75-150	0,5ml	2879-561R-05	
Isotype	IgG	conc.	RUO	75-150	1ml	2879-561R-1	

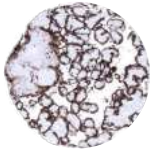
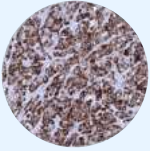
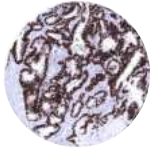
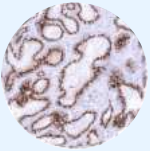
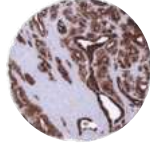
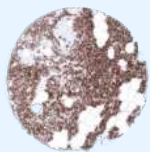
Antibody		Format	Status	Dilution	Volume	Catalog Number	
INSM1							
Clone	MSVA-456R	conc.	RUO	100-200	0,1ml	3218-456R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3218-456R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3218-456R-1	
Insulin							
Clone	HMV308	conc.	RUO	100-200	0,1ml	6515-308-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6515-308-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6515-308-1	
KAP1/ TRIM28							
Clone	HMV335	conc.	RUO	100-200	0,1ml	6531-335-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6531-335-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6531-335-1	
KDM6A							
Clone	HMV311	conc.	RUO	100-200	0,1ml	6439-311-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6439-311-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6439-311-1	
Ki-67							
Clone	MSVA-267M	conc.	RUO	100-200	0,1ml	2082-267M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2082-267M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2082-267M-1	
KLK7							
Clone	MSVA-707M	conc.	RUO	100-200	0,1ml	4860-707M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4860-707M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4860-707M-1	
Mammaglobin							
Clone	MSVA-457R	conc.	RUO	100-200	0,1ml	2668-457R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2668-457R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2668-457R-1	
MBP / Myelin Basic Protein							
Clone	MSVA-390R	conc.	RUO	100-200	0,1ml	3398-390R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3398-390R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3398-390R-1	
MCM2							
Clone	MSVA-502R	conc.	RUO	100-200	0,1ml	5880-502R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5880-502R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5880-502R-1	

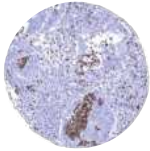
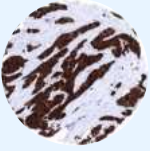
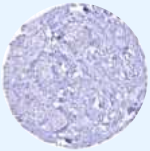
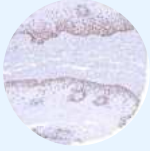
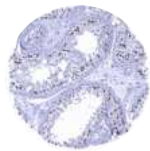
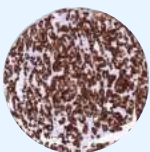
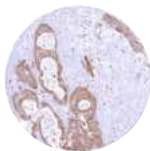
Antibody		Format	Status	Dilution	Volume	Catalog Number	
MCM3							
Clone	MSVA-503	conc.	RUO	100-200	0,1ml	3257-503M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3257-503M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3257-503M-1	
MCM7							
Clone	MSVA-507R	conc.	RUO	100-200	0,1ml	3675-507R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3675-507R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3675-507R-1	
Melan A CR (Cross Reactive)							
Clone	MSVA-901M+	conc.	RUO	100-200	0,1ml	2359-901M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2359-901M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2359-901M-1	
Melan A Specific							
Clone	MSVA-900M	conc.	RUO	100-200	0,1ml	2352-900M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2352-900M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2352-900M-1	
Mesothelin							
Clone	MSVA-235M	conc.	RUO	100-200	0,1ml	2198-235M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2198-235M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2198-235M-1	
Mesothelin							
Clone	MSVA-421R	conc.	RUO	100-200	0,1ml	5980-421R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5980-421R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5980-421R-1	
MPO/ Myeloperoxidase							
Clone	MSVA-692M	conc.	RUO	100-200	0,1ml	4517-692M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4517-692M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4517-692M-1	
MRe11							
Clone	HMV328	conc.	RUO	100-200	0,1ml	6517-328-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6517-328-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6517-328-1	
MSH2							
Clone	MSVA-902M	conc.	RUO	100-200	0,1ml	2697-902M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2697-902M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2697-902M-1	

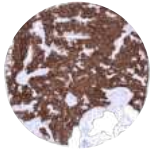
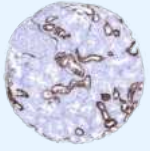
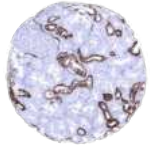
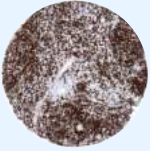
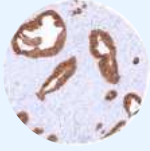
	Antibody	Format	Status	Dilution	Volume	Catalog Number	
MSH6							
Clone	MSVA-906R	conc.	RUO	75-150	0,1ml	2889-906R-01	
Host	Recombinant Rabbit	conc.	RUO	75-150	0,5ml	2889-906R-05	
Isotype	IgG	conc.	RUO	75-150	1ml	2889-906R-1	
MTAP							
Clone	MSVA-741R	conc.	RUO	50-100	0,1ml	5293-741R-01	
Host	Recombinant Rabbit	conc.	RUO	50-100	0,5ml	5293-741R-05	
Isotype	IgG	conc.	RUO	50-100	1ml	5293-741R-1	
MUC1							
Clone	MSVA-672R	conc.	RUO	75-150	0,1ml	2551-672R-01	
Host	Recombinant Rabbit	conc.	RUO	75-150	0,5ml	2551-672R-05	
Isotype	IgG	conc.	RUO	75-150	1ml	2551-672R-1	
MUC2							
Clone	HMV310	conc.	RUO	100-200	0,1ml	6364-310-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6364-310-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6364-310-1	
MUC5AC							
Clone	MSVA-109M	conc.	RUO	100-200	0,1ml	2113-109M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2113-109M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2113-109M-1	
MUC6							
Clone	MSVA-806R	conc.	RUO	100-200	0,1ml	2709-806R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2709-806R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2709-806R-1	
MX1							
Clone	HMV316	conc.	RUO	100-200	0,1ml	6563-316-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6563-316-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6563-316-1	
MYH7 / Myosin Heavy Chain 7							
Clone	MSVA-464M	conc.	RUO	100-200	0,1ml	6288-464M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	6288-464M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6288-464M-1	
MYH 11 / Myosin Heavy Chain 11							
Clone	MSVA-375R	conc.	RUO	100-200	0,1ml	2450-375R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2450-375R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2450-375R-1	

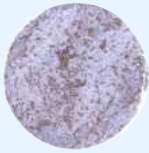
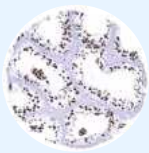
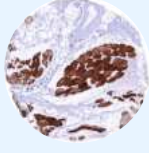
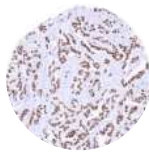
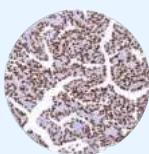
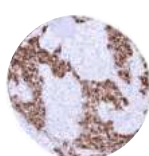
Antibody		Format	Status	Dilution	Volume	Catalog Number	
Napsin A							
Clone	MSVA-555R	conc.	RUO	100-200	0,1ml	2138-555R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2138-555R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2138-555R-1	
NFIX							
Clone	HMV329	conc.	RUO	100-200	0,1ml	6410-329-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6410-329-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6410-329-1	
NSE gamma							
Clone	MSVA-451M	conc.	RUO	100-200	0,1ml	2453-451M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	2453-451M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2453-451M-1	
Nucleolin							
Clone	MSVA-623R	conc.	RUO	100-200	0,1ml	4108-623R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4108-623R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4108-623R-1	
Occludin							
Clone	MSVA-415M	conc.	RUO	100-200	0,1ml	4373-415M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4373-415M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4373-415M-1	
p16							
Clone	MSVA-016R	conc.	RUO	100-200	0,1ml	3626-016R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3626-016R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3626-016R-1	
p53							
Clone	MSVA-053R	conc.	RUO	100-200	0,1ml	5358-053R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5358-053R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5358-053R-1	
p63							
Clone	MSVA-063R	conc.	RUO	100-200	0,1ml	4235-063R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4235-063R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4235-063R-1	
PAI2							
Clone	HMV330	conc.	RUO	100-200	0,1ml	6652-330-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6652-330-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6652-330-1	

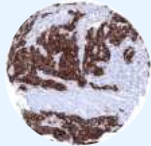
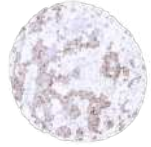
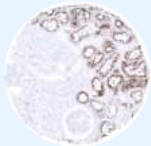
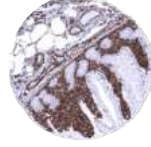
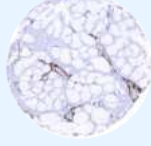
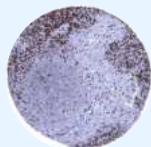
Antibody		Format	Status	Dilution	Volume	Catalog Number	
PAPP-A							
Clone	MSVA-780	conc.	RUO	100-200	0,1ml	3415-780M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3415-780M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3415-780M-1	
PARP							
Clone	HMV334	conc.	RUO	100-200	0,1ml	6347-334-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6347-334-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6347-334-1	
PAX6							
Clone	MSVA-706M	conc.	RUO	100-200	0,1ml	5703-706M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	5703-706M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5703-706M-1	
PAX8							
Clone	MSVA-708R	conc.	RUO	100-200	0,1ml	3331-708R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3331-708R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3331-708R-1	
PD-L1							
Clone	MSVA-711R	conc.	RUO	100-200	0,1ml	2083-711R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2083-711R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2083-711R-1	
Pepsinogen							
Clone	HMV318	conc.	RUO	100-200	0,1ml	6565-318-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6565-318-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6565-318-1	
Periostin							
Clone	MSVA-649M	conc.	RUO	100-200	0,1ml	4344-649M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4344-649M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4344-649M-1	
PGP9.5							
Clone	MSVA-905R	conc.	RUO	100-200	0,1ml	3424-905R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3424-905R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3424-905R-1	
PLAP							
Clone	MSVA-187M	conc.	RUO	100-200	0,1ml	2793-187M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2793-187M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2793-187M-1	

Antibody		Format	Status	Dilution	Volume	Catalog Number	
PLAP							
Clone	MSVA-350R	conc.	RUO	100-200	0,1ml	2794-350R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2794-350R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2794-350R-1	
PMEL17 / gp100							
Clone	MSVA-617R	conc.	RUO	100-200	0,1ml	2347-617R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2347-617R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2347-617R-1	
Progesterone Receptor							
Clone	MSVA-570R	conc.	RUO	50-100	0,1ml	3332-570R-01	
Host	Recombinant Rabbit	conc.	RUO	50-100	0,5ml	3332-570R-05	
Isotype	IgG	conc.	RUO	50-100	1ml	3332-570R-1	
Prostein							
Clone	MSVA-460R	conc.	RUO	100-200	0,1ml	5241-460R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5241-460R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5241-460R-1	
PSA / Prostate Specific Antigen							
Clone	MSVA-603R	conc.	RUO	100-200	0,1ml	5182-603R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5182-603R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5182-603R-1	
PSAP / ACP3 / ACPP							
Clone	MSVA-452M	conc.	RUO	100-200	0,1ml	2521-452M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	2521-452M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2521-452M-1	
PSAT1							
Clone	HMV331	conc.	RUO	100-200	0,1ml	6576-331-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6576-331-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6576-331-1	
PTH / Parathyroid Hormone							
Clone	MSVA-525R	conc.	RUO	100-200	0,1ml	2652-525R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2652-525R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2652-525R-1	
S100							
Clone	MSVA-490R	conc.	RUO	100-200	0,1ml	2634-490R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2634-490R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2634-490R-1	

Antibody		Format	Status	Dilution	Volume	Catalog Number	
S100A12							
Clone	MSVA-812M	conc.	RUO	100-200	0,1ml	3780-812M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3780-812M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3780-812M-1	
S100P							
Clone	MSVA-480R	conc.	RUO	100-200	0,1ml	2558-480R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2558-480R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2558-480R-1	
SATB2							
Clone	MSVA-702R	conc.	RUO	100-200	0,1ml	2850-702R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2850-702R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2850-702R-1	
SDHB							
Clone	HMV320	conc.	RUO	100-200	0,1ml	6380-320-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6380-320-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6380-320-1	
Somatostatin							
Clone	MSVA-638R	conc.	RUO	100-200	0,1ml	4669-638R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4669-638R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4669-638R-1	
SOX2							
Clone	HMV338	conc.	RUO	100-200	0,1ml	6717-338-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6717-338-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6717-338-1	
SOX9							
Clone	MSVA-709R	conc.	RUO	100-200	0,1ml	4272-709R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	4272-709R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4272-709R-1	
STAR							
Clone	MSVA-740R	conc.	RUO	75-150	0,1ml	5396-740R-01	
Host	Recombinant Rabbit	conc.	RUO	75-150	0,5ml	5396-740R-05	
Isotype	IgG	conc.	RUO	75-150	1ml	5396-740R-1	
STING1							
Clone	MSVA-515M	conc.	RUO	100-200	0,1ml	5473-515M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	5473-515M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5473-515M-1	

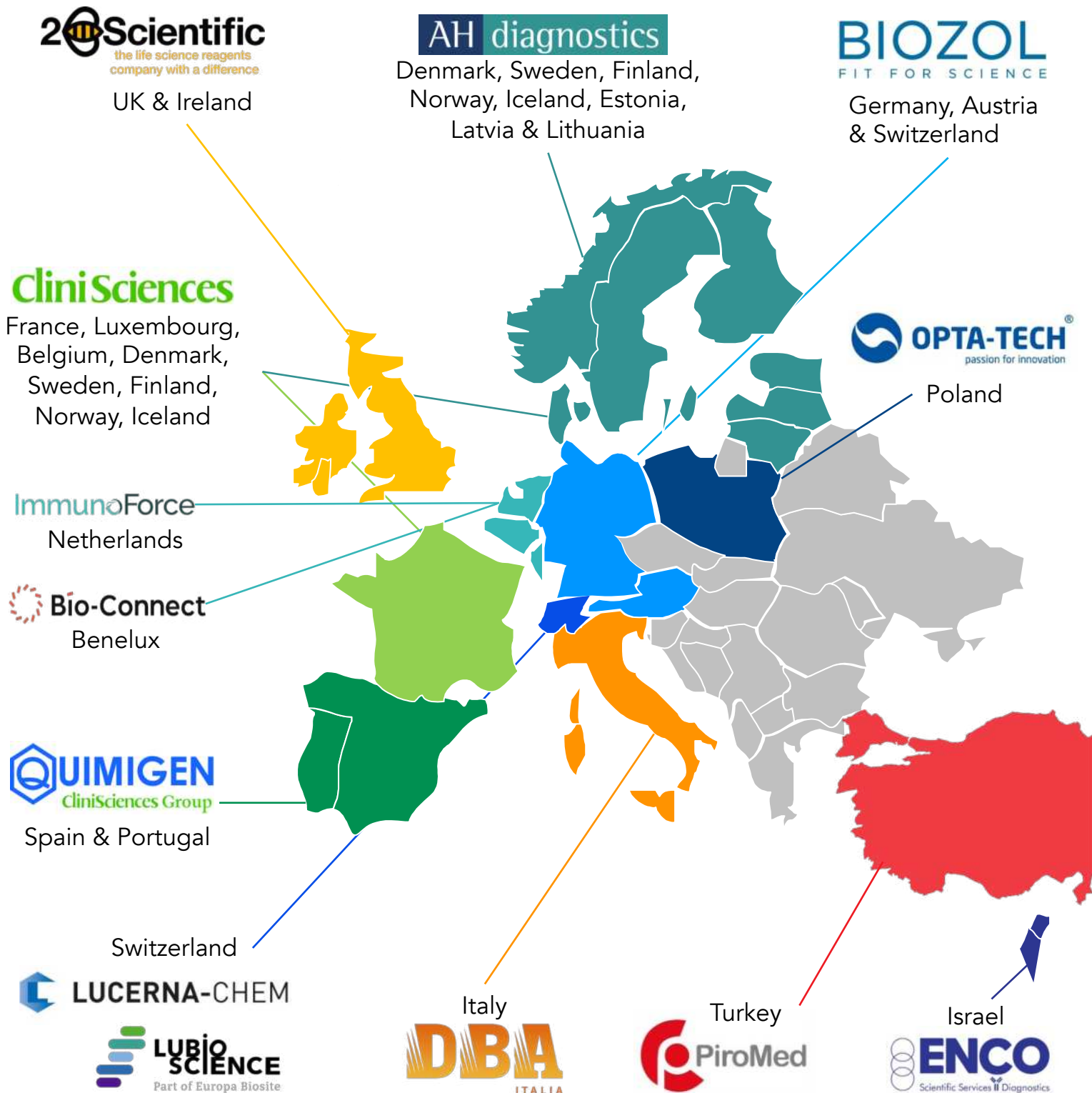
Antibody		Format	Status	Dilution	Volume	Catalog Number	
Synaptophysin							
Clone	MSVA-462R	conc.	RUO	100-200	0,1ml	2188-462R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2188-462R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2188-462R-1	
TACSTD2 / Trop2							
Clone	MSVA-733R	conc.	RUO	100-200	0,1ml	3648-733R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3648-733R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3648-733R-1	
TACSTD2 / Trop2							
Clone	MSVA-758M	conc.	RUO	100-200	0,1ml	3646-758M-01	
Host	Recombinant Mouse	conc.	RUO	100-200	0,5ml	3646-758M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3646-758M-1	
TdT							
Clone	MSVA-453R	conc.	RUO	75-150	0,1ml	2904-453R-01	
Host	Recombinant Rabbit	conc.	RUO	75-150	0,5ml	2904-453R-05	
Isotype	IgG	conc.	RUO	75-150	1ml	2904-453R-1	
TFE3 / Transcription factor E3							
Clone	MSVA-403R	conc.	RUO	100-200	0,1ml	3486-403R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3486-403R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3486-403R-1	
TFF-1 / pS2							
Clone	MSVA-482M	conc.	RUO	100-200	0,1ml	5784-482M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	5784-482M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5784-482M-1	
TYMS / Thymidylate synthase							
Clone	HMV305	conc.	RUO	100-200	0,1ml	6504-305-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6504-305-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6504-305-1	
Thyroglobulin							
Clone	MSVA-189R	conc.	RUO	100-200	0,1ml	2119-189R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2119-189R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2119-189R-1	
TIGIT							
Clone	HMV322	conc.	RUO	100-200	0,1ml	6795-322-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6795-322-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6795-322-1	

	Antibody	Format	Status	Dilution	Volume	Catalog Number	
TIGIT							
Clone	HMV323	conc.	RUO	100-200	0,1ml	6796-323-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6796-323-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6796-323-1	
TIM3							
Clone	MSVA-366R	conc.	RUO	100-200	0,1ml	3484-366R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3484-366R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3484-366R-1	
TLE1							
Clone	MSVA-856R	conc.	RUO	100-200	0,1ml	5881-856R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5881-856R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5881-856R-1	
TOP2A / TOPO2A							
Clone	MSVA-802R	conc.	RUO	100-200	0,1ml	3172-802R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3172-802R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3172-802R-1	
TRIM29							
Clone	MSVA-629M	conc.	RUO	100-200	0,1ml	4452-629M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4452-629M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4452-629M-1	
TRIM72							
Clone	HMV313	conc.	RUO	100-200	0,1ml	6591-313-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6591-313-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6591-313-1	
TRPS1							
Clone	MSVA-512R	conc.	RUO	100-200	0,1ml	5676-512R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5676-512R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5676-512R-1	
TTF-1 / Thyroid Transcription Factor 1							
Clone	MSVA-312R	conc.	RUO	100-200	0,1ml	5805-312R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	5805-312R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5805-312R-1	
Tyrosine Hydroxylase							
Clone	HMV312	conc.	RUO	100-200	0,1ml	6470-312-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	6470-312-05	
Isotype	IgG	conc.	RUO	100-200	1ml	6470-312-1	

Antibody		Format	Status	Dilution	Volume	Catalog Number	
Uroplakin 1A							
Clone	MSVA-735M	conc.	RUO	100-200	0,1ml	4386-735M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4386-735M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4386-735M-1	
Uroplakin 1B							
Clone	MSVA-734M	conc.	RUO	100-200	0,1ml	3797-734M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	3797-734M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3797-734M-1	
Uroplakin 3B							
Clone	MSVA-736M	conc.	RUO	100-200	0,1ml	4879-736M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	4879-736M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	4879-736M-1	
Villin							
Clone	MSVA-459R	conc.	RUO	100-200	0,1ml	2576-459R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2576-459R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2576-459R-1	
Vimentin							
Clone	MSVA-458R	conc.	RUO	100-200	0,1ml	2914-458R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	2914-458R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	2914-458R-1	
vWF (von Willebrand Factor)							
Clone	MSVA-521R	conc.	RUO	50-100	0,1ml	2760-521R-01	
Host	Recombinant Rabbit	conc.	RUO	50-100	0,5ml	2760-521R-05	
Isotype	IgG	conc.	RUO	50-100	1ml	2760-521R-1	
XRCC5/Ku-p80							
Clone	MSVA-880M	conc.	RUO	100-200	0,1ml	5160-880M-01	
Host	Mouse	conc.	RUO	100-200	0,5ml	5160-880M-05	
Isotype	IgG	conc.	RUO	100-200	1ml	5160-880M-1	
ZAP-70							
Clone	MSVA-870R	conc.	RUO	100-200	0,1ml	3513-870R-01	
Host	Recombinant Rabbit	conc.	RUO	100-200	0,5ml	3513-870R-05	
Isotype	IgG	conc.	RUO	100-200	1ml	3513-870R-1	

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