Antibody-Index

PMEL17 / gp100 Progesterone Receptor PSA

PSAP /ACP3/ ACPP

S100 S100A12 100P

SATB2

STAR

STING

TdT

TRIM29

Villin Vimentin

Vwf

ZAP-70

Somatostatin SOX9

Synaptophysin

Thyroglobulin TIM3

Uroplakin 1A Uroplakin 1B Uroplakin 3B

XRCC5/Ku-p80

TACSTD2 / Trop2

TOP2A / TOPO2A

ACE2 AIF1 ACE2 AIF1 Androgen Receptor Arginase-1 Cadherin-16/CDH16 Cadherin-17/CDH17 Calbindin 1 Calgonin CD1a CD3 HLA-DRB1 CD5 Hepatocyte Specific CD7 HER2 CD8 CD20 CD22 IgA CD23 Inhibin alpha CD27 CD31 CD31 CD31 CD34 CD34 CD34 CD45 CD45 CD45 CD45 CD45 CD45 CD45 CD4	Antibody-index	
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E PAPP-A E-Cadherin PD-L1 Elastin Periostin		p53
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Elastin Periostin	_	PAPP-A
EnCAM DCD0 E		
	EpCAM	PGP9.5
Estrogen Receptor PLAP	Estrogen Receptor	PLAP

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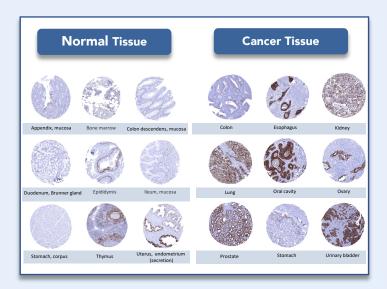
Large-Scale Validated Antibodies for Immunohistochemistry.



MS Validated Antibodies is dedicated to provide optimal monoclonal antibodies for immunohistochemistry and providing users with unique product documentation that allows them to better understand their antibodies. MSVA has highly stringent criteria for product selection: Only 145 out of the first 4,500 evaluated antibodies were selected for our portfolio. Key features of MSVA include:

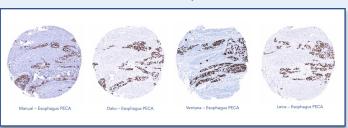
Unique Antibody Documentation

with **60-100 images** of relevant normal tissues and selected tumors.



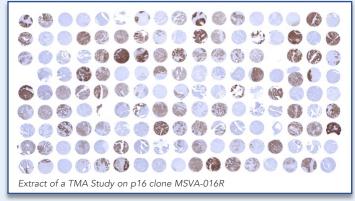
Protocol Recommendations

For manual staining and Autostainers (Dako, Leica, Ventana).



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 thousand different tumor samples.



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

p16 antibody clone MSVA-016R - 15,783 samples

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

Villin antibody clone MSVA-459R - 14,398 samples

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

CPA1 antibody clone MSVA-601M - 12,274 samples

Uroplakin 1A MSVA-735M – 6,929 samples

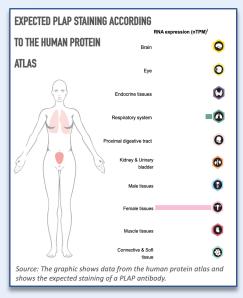
CTLA-4 antibody clone MSVA-152R - 4,582 samples



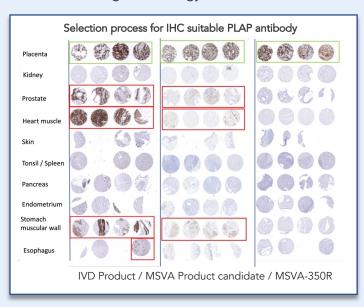
Strict Antibody Selection Process

RNA data from the Human Protein Atlas show 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).



Our PLAP clone MSVA-350R only stains placenta on a TMA. This result was expected based on the HPA RNA data (orthogonal strategy).



The comparison with other antibodies confirms the placenta staining as specific. Additional staining of the two antibodies are both "antibody-specific" and represent cross-reactions.