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anti-Vimentin antibody (AA 371-466)

13

Images

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Publications



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Overview

Quantity:	100 μL
Target:	Vimentin (VIM)
Binding Specificity:	AA 371-466
Reactivity:	Human, Mouse, Rat, Pig, Cow, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Vimentin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Vimentin
Isotype:	IgG
Specificity:	KO-Validated
Cross-Reactivity:	Cow, Human, Monkey, Mouse, Pig, Rat
Predicted Reactivity:	Cow,Chicken,Goat
Purification:	Purified by Protein A.

Target Details

Target:	Vimentin (VIM)
Alternative Name:	Vimentin (VIM Products)
Background:	Synonyms: HEL113, CTRCT3, Vimentin, VIM Background: Vimentins are class-III intermediate filaments found in various non-epithelial cells, especially mesenchymal cells. Vimentin is attached to the nucleus, endoplasmic reticulum, and mitochondria, either laterally or terminally. Involved with LARP6 in the stabilization of type I collagen mRNAs for CO1A1 and CO1A2.
Gene ID:	7431
UniProt:	P08670
Pathways:	Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
	ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:

Pagani, Ghezzi, Ulisse, Rubio, Turrini, Garavaglia, Candiani, Castilletti, Ippolito, Poli, Broccoli, Panina-Bordignon, Vicenzi: "Human Endometrial Stromal Cells Are Highly Permissive To Productive Infection by Zika Virus." in: **Scientific reports**, Vol. 7, pp. 44286, (2018) (PubMed).

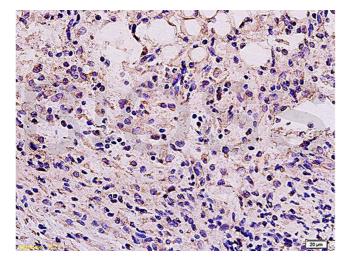
Smith, Zhang, Schiele, Khademhosseini, Kuo, Yelick: "Developing a biomimetic tooth bud model." in: **Journal of tissue engineering and regenerative medicine**, (2017) (PubMed).

Wang, Nikhil, Viccaro, Chang, White, Shah: "Phosphorylation-dependent regulation of ALDH1A1 by Aurora kinase A: insights on their synergistic relationship in pancreatic cancer." in: **BMC biology**, Vol. 15, Issue 1, pp. 10, (2017) (PubMed).

Tanos, Saibene, Pipolo, Battaglia, Felisati, Rubio: "Isolation of putative stem cells present in human adult olfactory mucosa." in: **PLoS ONE**, Vol. 12, Issue 7, pp. e0181151, (2017) (PubMed).

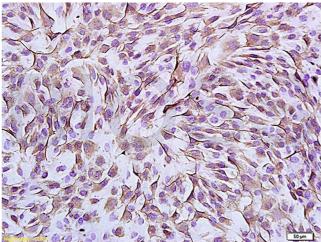
Park, Sung, Jeong, Choi, Lee, Kwon, Jang, Park, Kim, Kim, Yoon, Ryoo, Kim: "Critical roles of hMAGEA2 in induced pluripotent stem cell pluripotency, proliferation, and differentiation." in: **Cell biochemistry and function**, Vol. 35, Issue 7, pp. 392-400, (2017) (PubMed).

There are more publications referencing this product on: Product page



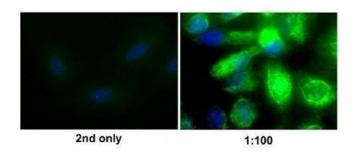
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse kidney tissue labeled Anti-Vimentin Polyclonal Antibody, Unconjugated (ABIN672786) at 1:200, followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse mesenchymal stem cells labeled Anti-Vimentin Polyclonal Antibody, Unconjugated (ABIN672786) at 1:300, followed by conjugation to the secondary antibody and DAB staining



Immunofluorescence (Cultured Cells)

Image 3. Image provided by One World Lab validation program. U138 cells were stained with bs-0756R Rabbit Anti-Vimentin Polyclonal Antibody at 1:100 dilution.

Please check the product details page for more images. Overall 13 images are available for ABIN672786.