Mouse Vimentin Monoclonal Antibody | anti-VIM antibody

Vimentin (Mesenchymal Cell Marker) Recombinant Mouse Monoclonal Antibody [Clone rVIM/6431]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215979	**Mouse**	**Human, Rat, Horse, Chicken, Cow, Cat, Dog, and Pig. Very broad species reactivityDoes not react with Mouse.**	**Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Vimentin; Monoclonal Antibody; Vimentin (Mesenchymal Cell Marker) Recombinant Mouse Monoclonal Antibody [Clone rVIM/6431]; Vimentin (Mesenchymal Cell Marker); VIM; anti-VIM antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Horse, Chicken, Cow, Cat, Dog, and Pig. Very broad species reactivity Does not react with Mouse.
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	rVIM/6431
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-VIM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	A recombinant fragment (around aa 2-466) of human Vimentin protein (exact sequence is proprietary)
Cellular Localization	Cytoplasmic
Positive Control	U-87, Raji, Jurkat or HeLa cells. Human lymph node or tonsil.
Hu-chromosome Location	10p12.33
Unigene	455493
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES

IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human tonsil stained with Vimentin Recombinant Mouse Monoclonal Antibody (rVIM/6431).

ADDITIONAL INFORMATION

Related Product Information for anti-VIM antibody	This MAb reacts with a 58kDa protein identified as vimentin. It shows no cross-reaction with other closely related intermediate filament proteins (IFP s) such as desmin, keratin, neurofilament, and glial fibrillary acid protein. Anti-vimentin alone is of limited value as a test tool; however, when used in panels with other antibodies, it is useful for the sub-classification of a given tumor. Expression of vimentin, when used in conjunction with anti-keratin, is helpful when distinguishing melanomas from undifferentiated carcinomas and large cell lymphomas. All melanomas and Schwannomas react strongly with anti-vimentin. It labels a variety of mesenchymal cells, including melanocytes, lymphocytes, endothelial cells, and fibroblasts. Non-reactivity of anti-vimentin is often considered more useful than its positive reactivity, since there are a few tumors that do not contain vimentin, e. g. hepatoma and seminoma. Anti-vimentin is also useful as a tissue process control reagent.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62414289
NCBI GeneID	7431
NCBI Accession #	NP_003371.2
NCBI GenBank Nucleotide #	NM_003380.3
UniProt Accession #	P08670; Q15867; Q15868; Q15869; Q548L2; Q6LER9; Q8N850; Q96ML2; Q9NTM3; B0YJC2; D3DRU4
Molecular Weight	53,652 Da
NCBI Official Full Name	vimentin
NCBI Official Synonym Full Names	vimentin
NCBI Official Symbol	VIM
NCBI Protein Information	vimentin
UniProt Protein Name	Vimentin
UniProt Gene Name	**VIM**
UniProt Entry Name	VIME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/vimentin-antibody-clone-rvim-6431-immunohistochemistry-western-blot-elisa/215979