

Rabbit Vimentin Monoclonal Antibody | anti-VIM antibody

Vimentin (Mesenchymal Cell Marker) Recombinant Rabbit Monoclonal Antibody [Clone VIM/6576R]

CATALOG # AAA215983	HOST Rabbit	REACTIVITY Cat, Chicken, Cow, Dog, Horse, Human, Pig	APPLICATIONS Immunohistochemistry, Western Blot
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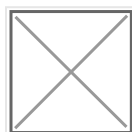
PRODUCT SYNONYMS

Vimentin; Monoclonal Antibody; Vimentin (Mesenchymal Cell Marker) Recombinant Rabbit Monoclonal Antibody [Clone VIM/6576R]; Vimentin (Mesenchymal Cell Marker); VIM; anti-VIM antibody

PRODUCT SPECIFICATIONS

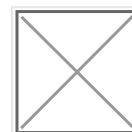
Host	Rabbit
Reactivity	Cat, Chicken, Cow, Dog, Horse, Human, Pig
Clonality	Monoclonal
Isotype	IgG, kappa
Clone Number	VIM/6576R
Specificity	This MAb reacts with a 58kDa protein identified as vimentin. It shows no cross-reaction with other closely related intermediate filament proteins (IFP s) such as 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.
Form/Format	1.0mg/mL of Ab purified from Bioreactor Concentrate by Protein A/G.
Applicable Applications for anti-VIM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full-length human Vimentin protein
Cellular Localization	Cell membrane, Cytoplasm, Cytoskeleton, Nucleus matrix
Positive Control	U-87, Raji, Jurkat or HeLa cells. Human lymph node or tonsil.
Research Areas	Cytokine Signaling, Immunology, Neural Stem Cells, Ovarian Cancer, Signal Transduction, Stem Cell Differentiation
Preparation and Storage	Antibody without azide - store at -20° to -80°C. Non-hazardous. No MSDS required.

IMAGES



SDS_PAGE

SDS-PAGE Analysis of Purified Vimentin Recombinant Rabbit Monoclonal Antibody (VIM/6576R). Confirmation of Purity and Integrity of Antibody.



WB (Western Blot)

Western Blot Analysis of human U-87 lysate using VIM Rabbit Recombinant Monoclonal Antibody (VIM/6576R).

**IHC (Immunohistochemistry)**

Formalin-fixed, paraffin-embedded human tonsil stained with Vimentin Recombinant Rabbit Monoclonal Antibody (VIM/6576R).

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Formalin-fixed, paraffin-embedded human tonsil stained with Vimentin Recombinant Rabbit Monoclonal Antibody (VIM/6576R).

ADDITIONAL INFORMATION**Related Product Information for anti-VIM antibody**

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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	57-60kDa
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-vim-6576r-immunohistochemistry-western-blot-elisa/215983>