

Vimentin Recombinant Antibody | VIM recombinant antibody

Recombinant Anti-Vimentin Antibody, Rabbit Monoclonal

CATALOG # AAA259396	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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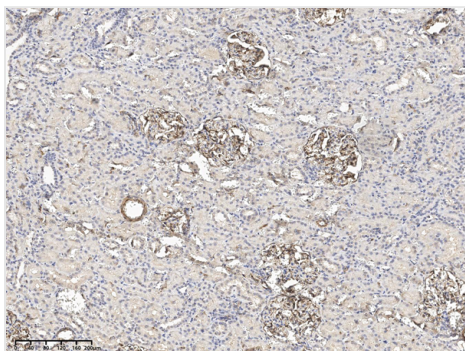
PRODUCT SYNONYMS

Vimentin; Monoclonal Recombinant Antibody; Recombinant Anti-Vimentin Antibody; Rabbit Monoclonal; Vimentin Antibody; Rabbit MAb; vimentin; VIM recombinant antibody

PRODUCT SPECIFICATIONS

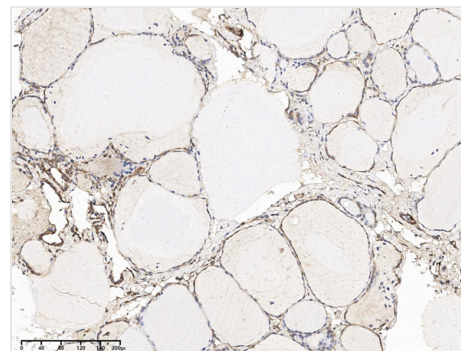
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	013
Specificity	Human Vimentin
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for VIM recombinant antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant Human Vimentin Protein (P08670; Met1-Glu466).
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles. This antibody is shipped as liquid solution at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

IMAGES



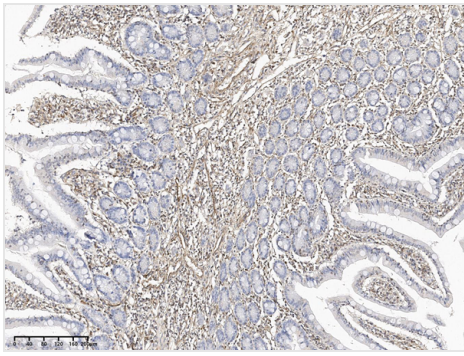
IHC (Immunohistochemistry)

Immunochemical staining of human Vimentin in human kidney with rabbit monoclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human Vimentin in human thyroid gland with rabbit monoclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)
 Immunochemical staining of human Vimentin in human small intestine with rabbit monoclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for VIM recombinant antibody	Vimentin is a type III intermediate filament (IF) protein found in various non-epithelial cells, especially mesenchymal cells. A vimentin monomer, has a central alpha-helical domain and carboxyl (tail) domains. Two monomers compose the basic subunit of vimentin assembly. Vimentin is crucial for supporting and anchoring the position of the organelles in the cytosol. Vimentin provided cells with a resilience absent from the microtubule or actin filament networks, when under mechanical stress in vivo. Therefore, in general, it is accepted that vimentin is the cytoskeletal component responsible for maintaining cell integrity. Vimentin is also responsible for stabilizing cytoskeletal interactions. It is found that vimentin control the transport of low-density lipoprotein. It has been used as a sarcoma tumor marker to identify mesenchyme.
References	Russel. RL. e. al. (2001. Uridin. phosphorylas. associatio. wit. vimentin. Intracellula. distributio. an. localization. . Bio. Chem. 276(16):13302-7.Moinova. e. al. (2012. Aberran. Vimenti. Methyлатio. i. Characteristi. o. Uppe. G. Pathologies. Cance. Epidemiolog. Biomarker. Prev. 21(4):594-600.Leade. M. e. al. (1987. Vimentin. a. evaluatio. o. it. rol. a. . tumou. marker. Histopathology. 11(1):63-72.

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.