

Rabbit Vimentin Monoclonal Antibody | anti-VIM antibody

[KO Validated] Vimentin Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28380	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunoprecipitation

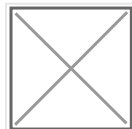
PRODUCT SYNONYMS

Vimentin; Monoclonal Antibody; [KO Validated] Vimentin Rabbit mAb; CTRCT30; HEL113; VIM; vimentin; anti-VIM antibody

PRODUCT SPECIFICATIONS

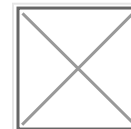
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Applicable Applications for anti-VIM antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200 IP: 1:50-1:200 Customer Validation: WB: Human, Mouse IF: Mouse IHC: Human IF: Mouse IF: Human
Immunogen	A synthesized peptide derived from human Vimentin.
Cellular Location	Cytoplasm
Positive Samples	293T, Jurkat, HeLa, Mouse testis, C6
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of Jurkat cells using 3ug Vimentin antibody . Western blot was performed from the immunoprecipitate using Vimentin antibody at a dilution of 1:1000.



IF (Immunofluorescence)

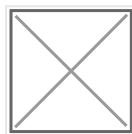
Confocal Immunofluorescent analysis of U2OS cells using KRR1 Rabbit pAb (A4487) at dilution of 1:100 (40x lens)(red). Vimentin (: Vimentin Rabbit mAb) for Cytoskeleton staining(green), DAPI for nuclear staining(blue).

**IF (Immunofluorescence)**

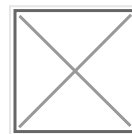
Immunofluorescence analysis of NIH/3T3 cells using Vimentin antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of HeLa cells using Vimentin antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

**IF (Immunofluorescence)**

Immunofluorescence analysis of C6 cells using Vimentin antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Mouse kidney using Vimentin antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-VIM antibody	Background: This gene encodes a member of the intermediate filament family. Intermediate filaments, along with microtubules and actin microfilaments, make up the cytoskeleton. The protein encoded by this gene is responsible for maintaining cell shape, integrity of the cytoplasm, and stabilizing cytoskeletal interactions. It is also involved in the immune response, and controls the transport of low-density lipoprotein (LDL)-derived cholesterol from a lysosome to the site of esterification. It functions as an organizer of a number of critical proteins involved in attachment, migration, and cell signaling. Mutations in this gene causes a dominant, pulverulent cataract.[provided by RefSeq, Jun 2009]
Product Categories/Family for anti-VIM antibody	Protein phosphorylation ; Research ; Cancer ; Tumor biomarkers ; Research ; Cell Biology & Developmental Biology ; Cytoskeleton ; Intermediate Filaments ; Research ; Stem Cells ; Neural Stem Cells ; Research ; Neuroscience ; Cell Type Marker ; Neural Stem Cell marker

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/vimentin-antibody-western-blot-immunohistochemistry-immunofluorescence-immunoprecipitation-elisa/28380>