

Mouse Vimentin (VIM) Monoclonal Antibody | anti-VIM antibody

Monoclonal Antibody to Vimentin (VIM)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152597	Mouse	Human, Rat, Dog, Pig, Bovine, Chicken	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

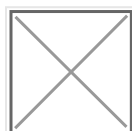
PRODUCT SYNONYMS

Vimentin (VIM); Monoclonal Antibody; Monoclonal Antibody to Vimentin (VIM); Vimentin; anti-VIM antibody

PRODUCT SPECIFICATIONS

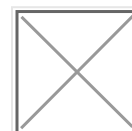
Host	Mouse
Reactivity	Human, Rat, Dog, Pig, Bovine, Chicken
Clonality	Monoclonal
Isotype	IgG2a Kappa
Clone Number	C13
Specificity	The antibody is a mouse monoclonal antibody raised against VIM. It has been selected for its ability to recognize VIM in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Ser2~Glu466
Applicable Applications for anti-VIM antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Vimentin (VIM)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: Hela cell lysate; Lane2: 293T cell lysate; Lane3: Rat Heart lysate; Lane4: Porcine Heart lysate; Lane5: Canine Heart lysate; Lane6: Bovine Heart lysate; Lane7: Gallus Heart lysate Primary Ab: 0.2ug/ml Mouse Anti-human VIM Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine A



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: human Breast cancer Tissue; Primary Ab: 10ug/ml Mouse Anti-human VIM Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IF (Immunofluorescence)

FITC staining on IF; Samples: human MCF7 Cells; Primary Ab: 30ug/ml Mouse Anti-human VIM Antibody Second Ab: 1ug/ml FITC-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-VIM antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
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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	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-vim-antibody-clone-c13-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152597>