

Mouse anti-Human VEGFR2 Monoclonal Antibody | anti-KDR antibody

Anti-VEGFR2 antibody (monoclonal)

CATALOG # AAA44902	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

VEGFR2; Monoclonal Antibody; Anti-VEGFR2 antibody (monoclonal); Vascular endothelial growth factor receptor 2; kinase insert domain receptor(a type III receptor tyrosine kinase); CD309; VEGFR; FLK1; TYROSINE KINASE GROWTH FACTOR RECEPTOR; MOUSE; HOMOLOG OF; VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR; VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 2; Fetal liver kinase 1; Kinase insert domain receptor; Protein-tyrosine kinase receptor flk-1; anti-KDR antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	KDR-1
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	1356
Applicable Applications for anti-KDR antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant human extracellular domain of VEGFR-2 (KDR).
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

ADDITIONAL INFORMATION

Related Product Information for anti-KDR antibody	<p>Description: Mouse IgG monoclonal antibody for VEGFR2, kinase insert domain receptor (a type III receptor tyrosine kinase) (KDR) detection. Tested with WB, IHC-F in Human. No cross reactivity with other proteins. Uniprot ID: P35968</p> <p>Background: VEGF, a homodimeric glycoprotein of relative molecular mass 45,000, is the only mitogen that specifically acts on endothelial cells. The importance of VEGF and its receptor system in tumor growth and intervention in this system may provide promising approaches to cancer therapy. VEGF receptor 2 is a member of a receptor tyrosine kinase family. Like other growth factor receptors, upon ligand binding VEGF receptor 2 dimerises and is autophosphorylated on multiple tyrosine residues.</p>
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9087218
NCBI GeneID	3791

UniProt Accession #	P35968 ; O60723 ; Q14178 ; A2RRS0 ; B5A925 ; C5IFA0
Molecular Weight	79,634 Da
NCBI Official Full Name	Vascular endothelial growth factor receptor 2
NCBI Official Synonym Full Names	kinase insert domain receptor (a type III receptor tyrosine kinase)
NCBI Official Symbol	KDR
NCBI Official Synonym Symbols	FLK1; CD309; VEGFR; VEGFR2
NCBI Protein Information	vascular endothelial growth factor receptor 2; soluble VEGFR2; fetal liver kinase 1; fetal liver kinase-1; protein-tyrosine kinase receptor Flk-1; tyrosine kinase growth factor receptor
UniProt Protein Name	Vascular endothelial growth factor receptor 2
UniProt Gene Name	KDR
UniProt Synonym Gene Names	FLK1; VEGFR2; VEGFR-2; FLK-1; KDR
UniProt Entry Name	VGFR2_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/vegfr2-antibody-clone-kdr-1-immunohistochemistry-elisa/44902>