

Mouse KDR/VEGFR-2 Monoclonal Antibody | anti-KDR/VEGFR-2 antibody

KDR/VEGFR-2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311989	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

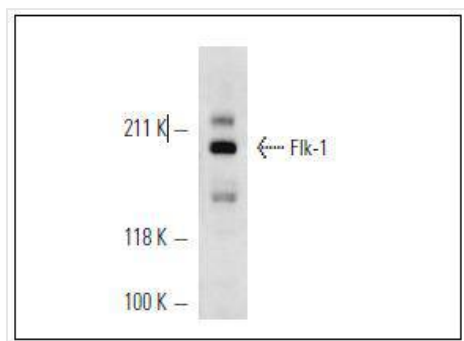
PRODUCT SYNONYMS

KDR/VEGFR-2; Monoclonal Antibody; KDR/VEGFR-2 Antibody; CD309 antibody; CD309 antigen antibody; EC 2.7.10.1 antibody; Fetal liver kinase 1 antibody; FLK-1 antibody; FLK1 antibody; FLK1; mouse; homolog of antibody; Kdr antibody; Kinase insert domain receptor (a type III receptor tyrosine kinase) antibody; Kinase insert domain receptor antibody; KRD1 antibody; Ly73 antibody; Protein tyrosine kinase receptor FLK1 antibody; Protein-tyrosine kinase receptor flk-1 antibody; soluble VEGFR2 antibody; Tyrosine kinase growth factor receptor antibody; Vascular endothelial growth factor receptor 2 antibody; VEGFR 2 antibody; VEGFR antibody; VEGFR-2 antibody; VEGFR2 antibody; VGFR2_HUMAN antibody; anti-KDR/VEGFR-2 antibody

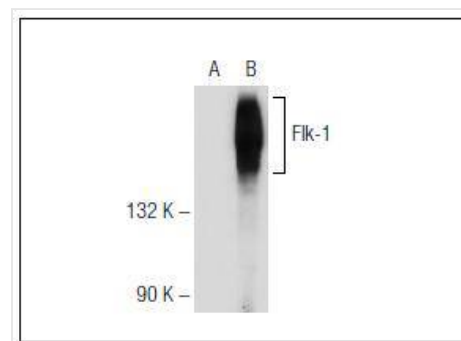
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	1G1
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-KDR/VEGFR-2 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Amino acids 1158-1345 mapping at the C-terminus of the Flk-1 of mouse origin.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES


WB (Western Blot)

Western blot analysis of Flk-1 expression in VEGF-treated HUV-EC-C whole cell lysate.


WB (Western Blot)

Western blot analysis of Flk-1 expression in non-transfected (A) and mouse Flk-1 transfected (B) 293T whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KDR/VEGFR-2 antibody	Three cell membrane receptor tyrosine kinases, Flt (also designated VEGF-R1), Flk-1 (also designated VEGF-R2) and Flt-4, putatively involved in the growth of endothelial cells, are characterized by the presence of seven immunoglobulinlike sequences in their extracellular domain. These receptors exhibit high degrees of sequence relatedness to each other as well as lesser degrees of relatedness to the class III receptors including CSF-1/Fms, PDGR, SLFR/Kit and Flt-3/Flk-2. Two members of this receptor class, Flt-1 and Flk-1, have been shown to represent high affinity receptors for vascular endothelial growth factors (VEGFs). On the basis of structural similarity to Flt and Flk-1, it has been speculated that Flt-4 might represent a third receptor for either VEGF or a VEGF-related ligand.
Product Categories/Family for anti-KDR/VEGFR-2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321597
NCBI GeneID	3791
NCBI Accession #	NP_002244.1
NCBI GenBank Nucleotide #	NM_002253.2
UniProt Accession #	P35968; O60723; Q14178; A2RRS0; B5A925; C5IFA0
Molecular Weight	151,527 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/kdr-vegfr-2-antibody-clone-1g1-immunohistochemistry-immunofluorescence-immunoprecipitation-western-blot-elisa/311989>