

Rabbit anti-Human VEGF Receptor 2 Polyclonal Antibody | anti-KDR antibody

Anti-VEGF Receptor 2 antibody

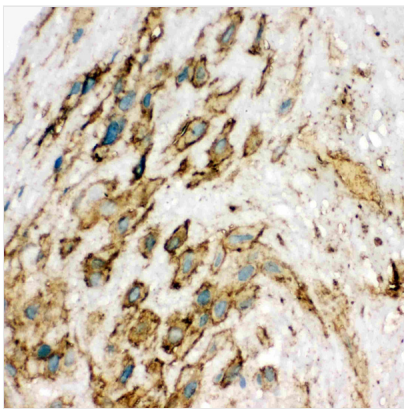
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45381	Rabbit	Human	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

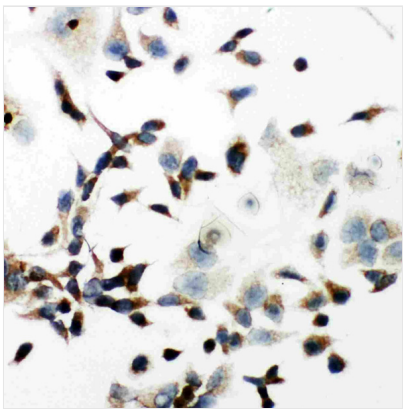
VEGF Receptor 2; Polyclonal Antibody; Anti-VEGF Receptor 2 antibody; Vascular endothelial growth factor receptor 2; kinase insert domain receptor(a type III receptor tyrosine kinase); CD309 antibody; CD309 antigen antibody; Fetal liver kinase 1 antibody; FLK-1 antibody; FLK1 antibody; Kdr antibody; Kinase 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; 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 antibody

PRODUCT SPECIFICATIONS

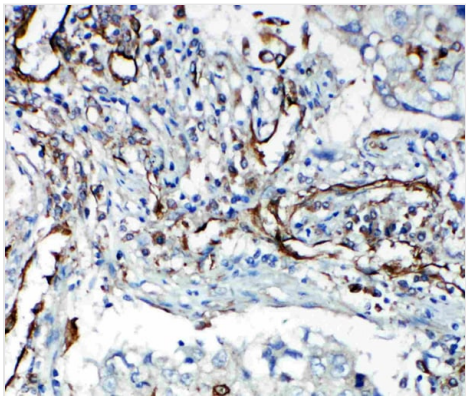
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1356
Applicable Applications for anti-KDR antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human VEGF Receptor 2 (454-469aa HHHHWYWQLEEEECANE).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/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.



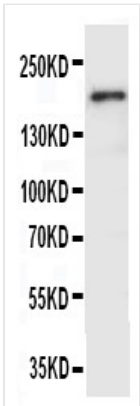
IHC (Immunohistochemistry)
Anti-VEGF Receptor 2 antibody, AAA45381, IHC(F)IHC(F): Human Placenta Tissue



ICC (Immunocytochemistry)
Anti-VEGF Receptor 2 antibody, AAA45381, ICCICC: HELA Cell



IHC (Immunohistochemistry)
Anti-VEGF Receptor 2 antibody, AAA45381, IHC(P)IHC(P): Human Lung Cancer Tissue



WB (Western Blot)
Anti-VEGF Receptor 2 antibody, AAA45381, Western blottingWB: SMMC Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-KDR antibody	Description: Rabbit IgG polyclonal antibody for Vascular endothelial growth factor receptor 2(KDR) detection. Tested with WB, IHC-P, IHC-F, ICC in Human.
	Background: KDR(Kinase Insert Domain Receptor), also known as FLK1, VEGFR or VEGFR2, is a VEGF receptor. KDR is the human gene encoding it. Sait et al.(1995) likewise corrected the assignment to chromosome 4q11-q12 to the same region occupied also by PDGFRA and KIT, thus indicating the location of a cluster of receptor tyrosine kinase genes. Vascular endothelial growth factor(VEGF) is the only mitogen that specifically acts on endothelial cells. Its expression is upregulated by hypoxia, and its cell-surface receptor, known as fetal liver kinase-1(Flk1) in mouse, is exclusively expressed in endothelial cells(Plate et al., 1993). Flk1 is the mouse homolog of KDR(Matthews et al., 1991).

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/polyclonal/vegf-receptor-2-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45381>