

Rabbit VEGF Receptor 1 Monoclonal Antibody | anti-VEGF antibody

Recombinant VEGF Receptor 1 Monoclonal Antibody

CATALOG # AAA178812	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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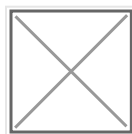
PRODUCT SYNONYMS

VEGF Receptor 1; Monoclonal Antibody; Recombinant VEGF Receptor 1 Monoclonal Antibody; EC 2.7.10.1; FLT 1; FLT; Flt-1; FLT1; Fms like tyrosine kinase 1; Fms related tyrosine kinase 1; Fms related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor); Fms related tyrosine kinase 1 vascular endothelial growth factor/vascular permeability factor receptor; Fms-like tyrosine kinase 1; FRT; Soluble VEGF receptor 1 14; Soluble VEGFR1 variant 2; Soluble VEGFR1 variant 21; Tyrosine protein kinase FRT; Tyrosine protein kinase receptor FLT; Tyrosine-protein kinase FRT; Tyrosine-protein kinase receptor FLT; Vascular endothelial growth factor receptor 1; Vascular endothelial growth factor vascular permeability factor receptor; Vascular permeability factor receptor 1; Vascular permeability factor receptor; VEGFR 1; VEGFR-1; VEGFR1; VGFR1; anti-VEGF antibody

PRODUCT SPECIFICATIONS

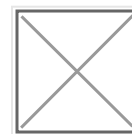
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	R06-1A4
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-VEGF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human VEGF Receptor 1
Research Area	Cancer, Cardiovascular, Metabolism, Signal Transduction
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of VEGF Receptor 1 in paraffin-embedded Human colon cancer tissue using VEGF Receptor 1 Rabbit mAb at dilution 1:50



WB (Western Blot)

Western blot detection of VEGF Receptor 1 in K562, C6, 3T3, HeLa cell lysates using VEGF Receptor 1 Rabbit mAb(1:1000 diluted). Predicted band size: 151kDa. Observed band size: 180kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-VEGF antibody	This gene encodes a member of the vascular endothelial growth factor receptor (VEGFR) family. VEGFR family members are receptor tyrosine kinases (RTKs) which contain an extracellular ligand-binding region with seven immunoglobulin (Ig)-like domains, a transmembrane segment, and a tyrosine kinase (TK) domain within the cytoplasmic domain. This protein binds to VEGFR-A, VEGFR-B and placental growth factor and plays an important role in angiogenesis and vasculogenesis. Expression of this receptor is found in vascular endothelial cells, placental trophoblast cells and peripheral blood monocytes. Multiple transcript variants encoding different isoforms have been found for this gene. Isoforms include a full-length transmembrane receptor isoform and shortened, soluble isoforms. The soluble isoforms are associated with the onset of pre-eclampsia.
Product Categories/Family for anti-VEGF antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	229892220
NCBI GeneID	2321
NCBI Accession #	NP_001153392.1
NCBI GenBank Nucleotide #	NM_001159920.1
UniProt Accession #	P17948; O60722; P16057; A3E342; A3E344; A8KA71; B0LPF1; B2BF46; B2BF47; B3FR89; B5A923; F5H5L6
Molecular Weight	150,769 Da
NCBI Official Full Name	vascular endothelial growth factor receptor 1 isoform 2
NCBI Official Synonym Full Names	fms-related tyrosine kinase 1
NCBI Official Symbol	FLT1
NCBI Official Synonym Symbols	FLT; FLT-1; VEGFR1; VEGFR-1
NCBI Protein Information	vascular endothelial growth factor receptor 1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular
UniProt Protein Name	Vascular endothelial growth factor receptor 1
UniProt Gene Name	FLT1
UniProt Synonym Gene Names	FLT; FRT; VEGFR1; VEGFR-1; FLT-1; FLT
UniProt Entry Name	VGFR1_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/vegfr-receptor-1-antibody-clone-r06-1a4-immunohistochemistry-western-blot-elisa/178812>