

Rabbit anti-Rat VEGF Receptor 1 Polyclonal Antibody | anti-FLT1 antibody

Anti-VEGF Receptor 1 antibody

CATALOG # AAA45474	HOST Rabbit	REACTIVITY Rat	APPLICATIONS Western Blot
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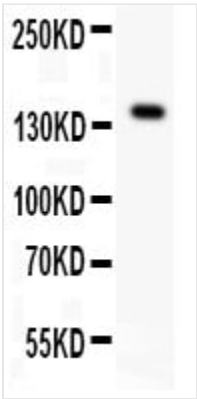
PRODUCT SYNONYMS

VEGF Receptor 1; Polyclonal Antibody; Anti-VEGF Receptor 1 antibody; Vascular endothelial growth factor receptor 1; fms-related tyrosine kinase 1; EC 2.7.10.1 antibody; Flt 1 antibody; FLT antibody; Flt-1 antibody; Flt1 antibody; Fms like tyrosine kinase 1 antibody; Fms related tyrosine kinase 1(vascular endothelial growth factor/vascular permeability factor receptor) antibody; Fms related tyrosine kinase 1 antibody; Fms related tyrosine kinase 1 vascular endothelial growth factor/vascular permeability factor receptor antibody; Fms-like tyrosine kinase 1 antibody; FRT antibody; Soluble VEGF receptor 1 14 antibody; Soluble VEGFR1 variant 2 antibody; Soluble VEGFR1 variant 21 antibody; Tyrosine protein kinase FRT antibody; Tyrosine protein kinase receptor FLT antibody; Tyrosine-protein kinase FRT antibody; Tyrosine-protein kinase receptor FLT antibody; Vascular endothelial growth factor receptor 1 antibody; Vascular endothelial growth factor receptor 1 Precursor antibody; Vascular endothelial growth factor vascular permeability factor receptor antibody; Vascular permeability factor receptor 1 antibody; Vascular permeability factor receptor antibody; VEGFR 1 antibody; VEGFR-1 antibody; VEGFR1 antibody; VGFR1_HUMAN antibody; anti-FLT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No Cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	1336
Applicable Applications for anti-FLT1 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of rat FLT1 (278-298aa IRQRIDQSNPHSNVFHSLVKI).
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°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti- FLT1 antibody, AAA45474, Western blottingAll lanes: Anti FLT1 (AAA45474) at 0.5ug/mlWB: Rat Lung Tissue Lysate at 50ugPredicted bind size: 151KDObserved bind size: 151KD

ADDITIONAL INFORMATION

Related Product Information for anti-FLT1 antibody	Description: Rabbit IgG polyclonal antibody for Vascular endothelial growth factor receptor 1(FLT1) detection. Tested with WB in Rat. Background: Vascular endothelial growth factor receptor 1(FLT1) is a protein that in humans is encoded by the FLT1 gene. Oncogene FLT belongs to the src gene family. It is mapped to 13q12. The deduced 1,338-amino acid protein has a calculated molecular mass of 150.6 kD. It has a 758-amino acid extracellular domain, followed by a 22-amino acid transmembrane region and a 558-amino acid cytoplasmic region containing a cluster of basic amino acids and a tyrosine kinase domain. sFLT-1 was identified in placenta, adult lung, kidney, liver and uterus. Like other members of this family, it shows tyrosine protein kinase activity that is important for the control of cell proliferation and differentiation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1718161
NCBI GeneID	54251
UniProt Accession #	P53767
NCBI Official Full Name	Vascular endothelial growth factor receptor 1
NCBI Official Synonym Full Names	FMS-related tyrosine kinase 1
NCBI Official Symbol	Flt1
NCBI Official Synonym Symbols	VEGFR-1
NCBI Protein Information	vascular endothelial growth factor receptor 1; FLT-1; FMS-like tyrosine kinase 1; tyrosine-protein kinase receptor FLT; vascular endothelial growth factor receptor-1; Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
UniProt Protein Name	Vascular endothelial growth factor receptor 1
UniProt Gene Name	Flt1
UniProt Synonym Gene Names	Flt-1; Vegfr1; VEGFR-1; FLT-1
UniProt Entry Name	VGFR1_RAT

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.

