Rabbit anti-Human VEGFR1 Monoclonal Antibody | anti-FLT1 antibody

VEGFR1 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282691	**Rabbit**	**Human**	**ELISA, Western Blot**

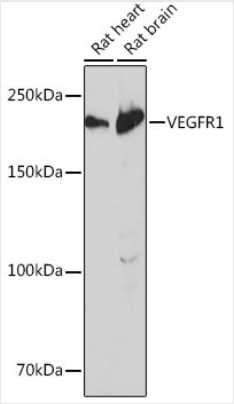
PRODUCT SYNONYMS

VEGFR1; Monoclonal Antibody; VEGFR1 Rabbit mAb; FLT; FLT-1; VEGFR-1; FRT; anti-FLT1 antibody

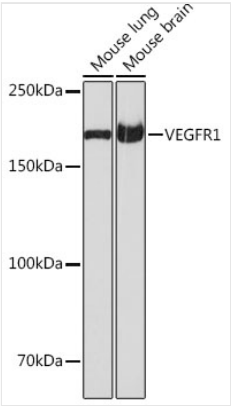
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MVSYWDTGVL LCALLSCLLL TGSSSGSKLK DPELSLKGTQ HIMQAGQTLH LQCRGEAAHK WSLPEMVSKE SERLSITKSA CGRNGKQFCS TLTLNTAQAN
Applicable Applications for anti-FLT1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human VEGFR1 (P17948).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis of various lysates using VEGFR1 Rabbit mAb (AAA282691) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3min.



WB (Western Blot)
Western blot analysis of various lysates using VEGFR1 Rabbit mAb (AAA282691) at 1:1000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-FLT1 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-FLT1 antibody	Cancer; Invasion and Metastasis; Signal Transduction; Kinase; Tyrosine kinases; Cell Biology Developmental Biology; Growth factors; Endocrine Metabolism; Cardiovascular; Angiogenesis; Hypoxia; Antibodies

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	Calculated MW: 151kDa Observed MW: 180kDa
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.

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Online datasheet: https://www.aaabiotech.com/monoclonal/vegfr1-antibody-western-blot-elisa/282691