

Mouse anti-Human VGFR3 Monoclonal Antibody | anti-FLT4 antibody

VGFR3 Antibody

CATALOG # AAA283462	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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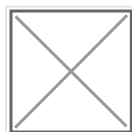
PRODUCT SYNONYMS

VGFR3; Monoclonal Antibody; VGFR3 Antibody; Vascular endothelial growth factor receptor 3; VEGFR-3; Fms-like tyrosine kinase 4; FLT-4; Tyrosine-protein kinase receptor FLT4; FLT4; VEGFR3; anti-FLT4 antibody

PRODUCT SPECIFICATIONS

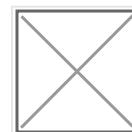
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 ?
Clone Number	44CT92.4.4
Specificity	Purified His-tagged VGFR3 protein(Fragment) was used to produced this monoclonal antibody.
Purity/Purification	Purified Mouse Monoclonal Antibody (Mab)
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Length	1298
Applicable Applications for anti-FLT4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of anti-VGFR3 Monoclonal Antibody by VGFR3 recombinant protein(Fragment 50KD). VGFR3 protein (arrow) was detected using the purified Mab.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with VGFR3 Monoclonal Antibody , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-FLT4 antibody	This gene encodes a tyrosine kinase receptor for vascular endothelial growth factors C and D. The protein is thought to be involved in lymphangiogenesis and maintenance of the lymphatic endothelium. Mutations in this gene cause hereditary lymphedema type IA.
Product Categories/Family for anti-FLT4 antibody	Cancer; Cardiovascular; Immunology; Signal transduction
References	<p>A genetic association study of maternal and fetal candidate genes that predispose to preterm prelabor rupture of membranes (PROM). Romero R, et al. Am J Obstet Gynecol, 2010 Jul 29. PMID 20673868.</p> <p>Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086.</p> <p>Milroy's primary congenital lymphedema in a male infant and review of the literature. Kitsiou-Tzeli S, et al. In Vivo, 2010 May-Jun. PMID 20555004.</p> <p>Identification of fetal and maternal single nucleotide polymorphisms in candidate genes that predispose to spontaneous preterm labor with intact membranes. Romero R, et al. Am J Obstet Gynecol, 2010 May. PMID 20452482.</p> <p>Endothelial cell adhesion to the extracellular matrix induces c-Src-dependent VEGFR-3 phosphorylation without the activation of the receptor intrinsic kinase activity. Galvagni F, et al. Circ Res, 2010 Jun 25. PMID 20431062.</p>

NCBI AND UNIPROT INFORMATION

NCBI GI #	103472027
NCBI GeneID	2324
NCBI Accession #	NP_002011.2; NP_891555.2
NCBI GenBank Nucleotide #	NM_002020.4
UniProt Accession #	P35916; Q16067; Q86W07; Q86W08; A8K6L4; B5A926; AAB23636
Molecular Weight	152757
NCBI Official Full Name	vascular endothelial growth factor receptor 3 isoform 2
NCBI Official Synonym Full Names	fms-related tyrosine kinase 4
NCBI Official Symbol	FLT4
NCBI Official Synonym Symbols	PCL; FLT41; LMPH1A; VEGFR3
NCBI Protein Information	vascular endothelial growth factor receptor 3
UniProt Protein Name	Vascular endothelial growth factor receptor 3
UniProt Gene Name	FLT4
UniProt Synonym Gene Names	VEGFR3; VEGFR-3; FLT-4
UniProt Entry Name	VGFR3_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/vgfr3-antibody-clone-44ct92-4-4-western-blot-immunohistochemistry-elisa/283462>