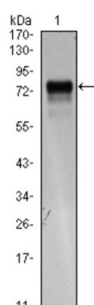


Vascular Endothelial Growth Factor Receptor 3 (FLT4) Antibody

Catalogue No.: abx012107



Western blot analysis using FLT4 antibody against FLT4 (AA: 25-330) -hlgGFc transfected HEK293 cell lysate.

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. Tissue specificity: Placenta, lung, heart, and kidney, does not seem to be expressed in pancreas and brain. VEGFR-3 is induced in all endothelial cells (EC's) during early embryogenesis, and its expression eventually disappears from the vascular endothelial cells of adult tissues. VEGFR-3 is constitutively expressed in the adult lymphatic endothelium. Although VEGFR-3 is not expressed in adult blood vessels, it is induced in vascular endothelial cells of tumor-bearing tissues. VEGFR-3 expression in adults is largely restricted to the endothelial cells of the lymphatic system, and high endothelial venules (HEV).

Target:	Vascular Endothelial Growth Factor Receptor 3 (FLT4)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human FLT4 expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 2.0.0

Revision date: 26 Aug 2025



UniProt Primary AC: P35916 ([UniProt](#), [ExPASy](#))

Gene Symbol: FLT4

GeneID: [2324](#)

OMIM: [136352](#)

HGNC: 3767

KEGG: hsa:2324

Ensembl: ENSG00000037280

String: [9606.ENSP00000261937](#)

Molecular Weight: 145 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.