

FLT1 polyclonal antibody

Catalog # PAB8445 Size 10 mg

Specification

Product Description	Sheep polyclonal antibody raised against partial length recombinant FLT1.
Immunogen	Recombinant His fusion protein corresponding to amino acids 31-328 of human FLT1.
Host	Sheep
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM phosphate buffer, 150 mM NaCl, pH 7.2 (0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FLT1

Entrez GeneID	2321
Gene Name	FLT1
Gene Alias	FLT, VEGFR1

Gene Description	fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor)
Omim ID	165070
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	fms-related tyrosine kinase 1 soluble VEGF receptor 1-14 soluble VEGFR1 variant 2 soluble VEGFR1 variant 21 vascular endothelial growth factor/vascular permeability factor receptor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [Focal adhesion](#)

Disease

- [Abortion](#)
- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Cell Transformation](#)
- [Chorioamnionitis](#)
- [Colorectal Neoplasms](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hypersensitivity](#)
- [Inflammation](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Malaria](#)
- [Melanoma](#)
- [Neovascularization](#)
- [Obstetric Labor](#)
- [Placenta Diseases](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Sarcoidosis](#)
- [Scleroderma](#)
- [Skin Neoplasms](#)
- [Vaginitis](#)