

FLT1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4760
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant extracellular fragment of human FLT1 fused with hIgGfc tag expressed in HEK293 cells.
Mol wt	100kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	FLT;VEGFR1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor), also known as FLT1 or VEGFR-1. It is 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.

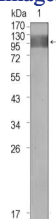
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using FLT1 mouse mAb against extracellular domain of human FLT1.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

