

FLT1 monoclonal antibody

Catalog: MB21256

Host: Mouse

Reactivity: Human

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.

Product:

Ascitic fluid containing 0.03% sodium azide.

Molecular Weight:

100kDa

Swiss-Prot:

P17948

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

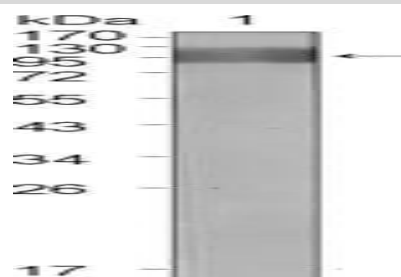
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:



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

Note:

For research use only, not for use in diagnostic procedure.

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