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FLT1

Reactivity: Human Mouse Rat

Tested applications:WB IF IP

Recommended Dilution:WB 1:200 - 1:2000 IF 1:50 - 1:100 IP 1:20 - 1:50

Calculated MW:151kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human FLT1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

a

Synonym:

FLT; FLT-1; VEGFR1; VEGFR-1;

Catalog #:A0058

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:2321

Isotype: IgG

Swiss Prot:P17948

Purity: Affinity purification

For research use only.

Background:

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.

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