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Product Information

Recombinant Anti-Human FLT1 Antibody Fab Fragment

Cat. No.: **MOM-18177-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Human Antibody Fab Fragment is against Human VEGFR-1, expressed in E. coli

Antigen Description

Receptor for VEGF, VEGFB and PGF. Has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. Isoform SFlt1 may have an inhibitory role in angiogenesis.

Target

VEGFR-1

Immunogen

Recombinant human soluble extracellular Flt-1 Ig-like loop 1 to 5 (sFlt-1(D5)).

Source

Human

Species Reactivity

Human

Type

Fab Fragment based on Human IgG1 - kappa

Expression Host

E. coli

Predicted N terminal

H chain: QAQVVES; L Chain: EIVLTQS

Purity

>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

FLT1 fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor) [Homo

sapiens]

Official Symbol

FLT1

Synonyms

FLT1; fms-related tyrosine kinase 1 (vascular endothelial growth factor/vascular permeability factor receptor); FLT; vascular endothelial growth factor receptor 1; VEGFR1; FLT-1; VEGFR-1; fms-like tyrosine kinase 1; tyrosine-protein kinase FRT; tyrosine-protein kinase receptor FLT; vascular permeability factor receptor;

Gene ID

2321

mRNA Refseq

NM_001159920

Protein Refseq

NP_001153392

MIM

165070

UniProt ID

P17948

Chromosome Location

13q12

Pathway

Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;

Function

ATP binding; growth factor binding; nucleotide binding; protein binding; receptor activity; transmembrane receptor protein tyrosine kinase activity; vascular endothelial growth factor-activated receptor activity; vascular endothelial growth factor-activated receptor activity;

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