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Product Information

Recombinant Anti-Human eng Antibody Fab Fragment

Cat. No.: **MOM-18551-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment binds selectively to Human ENG, expressed in E. coli

Antigen Description

Major glycoprotein of vascular endothelium. May play a critical role in the binding of endothelial cells to integrins and/or other RGD receptors.

Specific Activity

Tested positive against native antigen.

Target

ENG

Immunogen

Partially purified cell membrane antigens from fresh leukaemia cells. (Human).

Source

Mouse

Species Reactivity

Human

Type

Fab

Expression Host

E. coli

Purity

>95.0%. 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

ENG endoglin [Homo sapiens]

Official Symbol

ENG

Synonyms

ENG; endoglin; ORW, ORW1, Osler Rendu Weber syndrome 1; CD105; END; HHT1; CD105 antigen; ORW; ORW1; FLJ41744;

Gene ID

2022

mRNA Refseq

NM_000118

Protein Refseq

NP_000109

MIM

131195

UniProt ID

P17813

Chromosome Location

9q34.11

Pathway

HIF-1-alpha transcription factor network, organism-specific biosystem; TGF Beta Signaling Pathway, organism-specific biosystem; TGF-beta Receptor Signaling Pathway, organism-specific biosystem;

Function

activin binding; galactose binding; glycosaminoglycan binding; glycosaminoglycan binding; protein binding; contributes_to protein binding; protein homodimerization activity; protein homodimerization activity; transforming growth factor beta binding; transforming growth factor beta receptor, cytoplasmic mediator activity; transforming growth factor beta-activated receptor activity; transmembrane signaling receptor activity; type I transforming growth factor beta receptor binding; type I transforming growth factor beta receptor binding; type II transforming growth factor beta receptor binding; type II transforming growth factor beta receptor binding;

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