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Product Information

Recombinant Anti-Human FN1 Antibody Fab Fragment

Cat. No.: **MOM-18193-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 fibronectin extra domain-B, expressed in E. coli

Antigen Description

Fibronectin is a high-molecular weight (~440kDa) glycoprotein of the extracellular matrix that binds to membrane-spanning receptor proteins called integrins. In addition to integrins, fibronectin also binds extracellular matrix components such as collagen, fibrin, and heparan sulfate proteoglycans.

Specific Activity

Tested positive against native antigen.

Target

fibronectin extra domain-B

Immunogen

A region in the ED-A domain of human cellular fibronectin.

Source

Human

Species Reactivity

Human

Type

Fab Fragment based on Human [(scFv - heavy - kappa) - IGHE - CH4]2

Expression Host

E. coli

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 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFOMATION

Gene Name

FN1 fibronectin 1 [Homo sapiens]

Official Symbol

FN1

Synonyms

FN1; fibronectin 1; fibronectin; CIG; cold insoluble globulin; FINC; GFND2; LETS; migration stimulating factor; MSF; cold-insoluble globulin; migration-stimulating factor; FN; FNZ; ED-B; GFND; DKFZp686H0342; DKFZp686I1370; DKFZp686F10164; DKFZp686O13149;

Gene ID

2335

mRNA Refseq

NM_002026

Protein Refseq

NP_002017

MIM

135600

UniProt ID

P02751

Chromosome Location

2q34

Pathway

Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; ECM-receptor interaction, organism-specific biosystem;

Function

collagen binding; extracellular matrix structural constituent; heparin binding; protein binding;

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