

Product Information

Recombinant Anti-Human FN1 Antibody scFv Fragment

Cat. No.: **MOM-18193-S(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Human Antibody scFv Fragment is bind to 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

scFv Fragment from 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 ELISA, WB, Neut and most other immunological methods.

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

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;