

Product Information

Recombinant Anti-Human cxcr3 Antibody scFv Fragment

Cat. No.: **MOM-18337-S(P)**

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

Product Overview

Recombinant Mouse Antibody scFv Fragment specifically binds to Human CXCR3, expressed in E. coli

Antigen Description

Receptor for CXCL9, CXCL10 and CXCL11 and mediates the proliferation of human mesangial cells (HMC). Isoform 2 is a receptor for CXCL4 and also mediates the inhibitory activities of CXCL9, CXCL10 and CXCL11 on the growth of human microvascular endothelial cells (HMVEC). May play a role in angiogenesis. Isoform 3 mediates the activity of CXCL11.

Specific Activity

Tested positive against native antigen.

Target

CXCR3

Immunogen

NS0 cells transfected with human CXCR3.

Source

Mouse

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

Purity >95% by SDS-PAGE.

Applications

Suitable for use in ELISA, WB, Neut 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 INFORMATION

Gene Name

[CXCR3 chemokine \(C-X-C motif\) receptor 3 \[Homo sapiens \]](#)

Official Symbol

CXCR3

Synonyms

CXCR3; chemokine (C-X-C motif) receptor 3; G protein coupled receptor 9 , GPR9; C-X-C chemokine receptor type 3; CD183; CKR L2; CMKAR3; IP10 R; MigR; CXC-R3; CXCR-3; Mig receptor; IP10 receptor; IP-10 receptor; G protein-coupled receptor 9; chemokine (C-X-C) receptor 3; interferon-inducible protein 10 receptor; GPR9; CD182; Mig-R; CKR-L2; IP10-R

Gene ID

[2833](#)

mRNA Refseq

[NM_001142797](#)

Protein Refseq

[NP_001136269](#)

MIM

[300574](#)

UniProt ID

P49682

Chromosome Location

Xq13

Pathway

CXCR3-mediated signaling events, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem;

Function

C-X-C chemokine receptor activity; G-protein coupled receptor activity; chemokine binding; chemokine receptor activity; receptor activity; signal transducer activity;