

# Product Information

## Recombinant Anti-Human cxcr3 Antibody Fab Fragment

Cat. No.: **MOM-18337-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 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

Fab

### Expression Host

E. coli

### Purity

Purity >95% 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 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;