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Product Information

Recombinant Anti-Human CXCR4 Antibody

Cat. No.: **MOM-H72**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant human Antibody specifically binds to Human CXCR4, expressed in HEK293

Antigen Description

C-X-C chemokine receptor type 4 (CXCR-4) also known as fusin or CD184 (cluster of differentiation 184) is a protein that in humans is encoded by the CXCR4 gene.

Specific Activity

CXCR4(chemokine (C-X-C motif) receptor 4, fusin, stromal cell-derived factor 1 receptor, SDF-1 receptor, CXCL12 receptor, CD184) [Homo sapiens]

Target

CXCR4

Source

human

Species Reactivity

Human

Type

human IgG4 - kappa

Expression Host

HEK293

Purity

>95.0%. Determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Purification

Protein A affinity purified from an animal origin - free culture supernatant

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Cellular Localization

kappa

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

CXCR4 chemokine (C-X-C motif) receptor 4 [Homo sapiens]

Official Symbol

CXCR4

Synonyms

CXCR4; chemokine (C-X-C motif) receptor 4; chemokine (C X C motif), receptor 4 (fusin); C-X-C chemokine receptor type 4; CD184; D2S201E; fusin; HM89; HSY3RR; LESTR; NPY3R; NPYR; NPYY3R; CXC-R4; CXCR-4; CD184 antigen; SDF-1 receptor; neuropeptide Y receptor Y3; seven transmembrane helix receptor; stromal cell-derived factor 1 receptor; lipopolysaccharide-associated protein 3; seven-transmembrane-segment receptor, spleen; leukocyte-derived seven transmembrane domain receptor; leukocyte-derived seven-transmembrane-domain receptor; FB22; LAP3; LCR1; WHIM; NPYRL;

Gene ID

7852

mRNA Refseq

NM_001008540

Protein Refseq

NP_001008540

MIM

162643

UniProt ID

P61073

Chromosome Location

2q21

Pathway

Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Binding and entry of HIV virion, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine receptors bind chemokines, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem;

Function

C-X-C chemokine receptor activity; G-protein coupled receptor activity; actin binding; coreceptor activity; myosin light chain binding; protein binding; receptor activity; signal transducer activity; ubiquitin binding; ubiquitin protein ligase binding;

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