

CD183 (PTF0058) Mouse mAb

CatalogNo: YF0059 **Recombinant** 

Key Features

Host Species

- Mouse

Reactivity

- Human

Applications

- FC,IF

Isotype

- Mouse IgG1/Kappa

Storage

Storage*

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Formulation

PBS, pH 7.4

Recommended Dilution Ratios

IF 1:200-1:1000

FC:1 µg per million cells in 100 µl volume. For optimal results, the reagent should be titrated according to each specific application

Basic Information

Clonality

Monoclonal

Clone Number

PTF0058

Immunogen Information

Immunogen

The specific immunogen used to produce this antibody is proprietary information.

Specificity

Endogenous

Target Information

Gene name CXCR3 GPR9

Protein Name C-X-C chemokine receptor type 3 (CXC-R3) (CXCR-3) (CKR-L2) (G protein-coupled receptor 9) (Interferon-inducible protein 10 receptor) (IP-10 receptor) (CD antigen CD183)

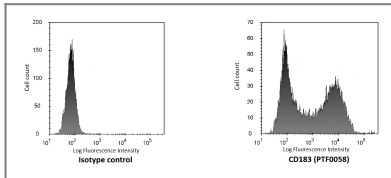
Organism	Gene ID	UniProt ID
Human	2833;	P49682;

Cellular Localization [Isoform 1]: Cell membrane ; Multi-pass membrane protein .; [Isoform 2]: Cell membrane ; Multi-pass membrane protein .

Tissue specificity Isoform 1 and isoform 2 are mainly expressed in heart , kidney , liver and skeletal muscle. Isoform 1 is also expressed in placenta. Isoform 2 is expressed in endothelial cells. Expressed in T-cells (at protein level) .

Function Isoform 1 is a 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 is mediates the activity of CXCL11.

Validation Data



Human peripheral blood lymphocytes stained with Mouse IgG1, κ isotype control or purified CD183 (PTF0058) , followed by anti-mouse IgGs-PE

Contact information

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CD183 (PTF0058)
Mouse mAb