

A Reliable Research Partner in Life Science and Medicine

PerCP/Cyanine5.5 Anti-Mouse CD183/CXCR3 Antibody[CXCR3-173]

Catalog Number: E-AB-F1114J

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Mouse

Host Armenian Hamster Isotype Armenian Hamster IgG

Clone No. CXCR3-173

Isotype Control PerCP/Cyanine5.5 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852J]

Conjugation PerCP/Cyanine 5.5

Conjugation Information PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected

using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

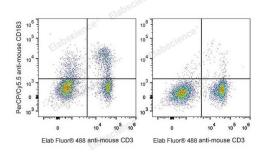
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



C57BL/6 murine splenocytes are stained with

PerCP/Cyanine5.5 Anti-Mouse CD183/CXCR3 Antibody and

Elab Fluor® 488 Anti-Mouse CD3 Antibody (Left).

Splenocytes stained with Elab Fluor® 488 Anti-Mouse CD3 Antibody (Right) are used as control.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping lce bag

Antigen Information

Alternate Names C-X-C chemokine receptor type 3;CD183/CXCR3;CXC-R3;CXCR-3;Cxcr3;IP-10

receptor;Interferon-inducible protein 10 receptor

Uniprot ID O88410

For Research Use Only

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

Elabscience Bionovation Inc.



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Gene ID Background 12766

CD183/CXCR3, also known as CXCR3, is a member of the C-X-C chemokine family, characterized by a pair of cysteine residues separated by a single amino acid. CXCR3 is a 38 kD seven pass transmembrane receptor coupled to G-protein. It mediates Ca2 + mobilization and chemotaxis in response to C-X-C chemokines, such as IP10 (CXCL10), MIG (CXCL9), I-TAC (CXCL11) and PF4 (CXCL4). CXCR3 is expressed primarily on activiated T lymphocytes, NK cells, and some epithelial cells and endothelial cells. It is not expressed on B cells, monocytes or granulocytes.