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PE/Cyanine5 Anti-Mouse CD183/CXCR3 Antibody[CXCR3-173]

Catalog Number: E-AB-F1114UG

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

PE/Cyanine5 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853G] Isotype Control

PE/Cyanine 5 Conjugation

Conjugation Information PE/Cyanine5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 670 nm

(e.g., a 690/50 nm bandpass filter).

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

Applications Recommended usage

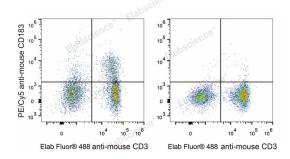
FCM Each lot of this antibody is quality control tested by flow cytometric analysis. Please

> check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the

> reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/106 cells

in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with PE/Cyanine5

Anti-Mouse CD183/CXCR3 Antibody and Elab Fluor® 488 Anti-Mouse CD3 Antibody (Left). Splenocytes stained with

Elab Fluor® 488 Anti-Mouse CD3 Antibody 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 Ice 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

For Research Use Only

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Uniprot ID Gene ID Background O88410 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.

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