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FITC Anti-Mouse CD183/CXCR3 Antibody[CXCR3-173]

Catalog Number: E-AB-F1114UC

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 FITC Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09853C]

Conjugation FITC

Conjugation Information FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical

filter centered near 530 nm (e.g., a 525/40 nm bandpass filter).

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

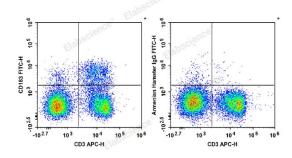
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. 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 $0.1-1 \, \mu g/10^6$ cells

in 100 µL volume].

Data



C57BL/6 murine splenocytes are stained with APC Anti-Mouse CD3 Antibody and FITC Anti-Mouse CD183/CXCR3 Antibody (Left). Splenocytes are stained with APC Anti-Mouse CD3 Antibody and FITC Armenian Hamster IgG Isotype Control (Right).

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8 $^{\circ}\text{C}$ 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

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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.