

Manufacturer/Supplier:

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Product name: Anti-Mouse CD183/CXCR3 Monoclonal
Antibody(PE/Cyanine5 Conjugated)

Catalog: DL21405F

Synonyms: C-X-C chemokine receptor type
3, Cxcr3, CXC-R3, CXCR-3, Interferon-inducible
protein 10 receptor, IP-10 receptor, CD183/CXCR3

Background: 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 activated T

lymphocytes, NK cells, and some epithelial cells and endothelial cells. It is not expressed on B cells, monocytes or granulocytes.

Form: Liquid

Isotype: Armenian Hamster IgG

Size: 25µg/100µg

Host: Armenian Hamster

Reactivity: Mouse

Application: FCM

Concentration: 0.2 mg/mL

Conjugation: PE/Cyanine5

SwissProt: O88410

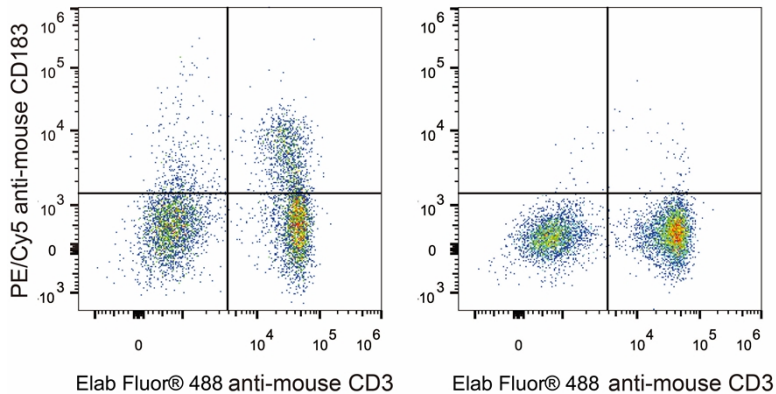
Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

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/10⁶cells in 100 µL volume].

Data:

C57BL/6 murine splenocytes are stained with Anti-Mouse CD183/CXCR3 Monoclonal Antibody(PE/Cyanine5 Conjugated)[Used at $0.2 \mu\text{g}/10^6$ cells dilution]and Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjugated). Splenocytes stained with Anti-Mouse CD3 Monoclonal Antibody(AF488 Conjugated) (right) are used as control.



Storage:

Keep as concentrated solution.

Store at $2\sim 8^{\circ}\text{C}$ and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.