

Manufacturer/Supplier:

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

Catalog: DL21394F

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, 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:

50Tests/100Tests/100Tests×2

Host: Armenian Hamster

Reactivity: Mouse

Application: FCM

Concentration: 5 μ L

Conjugation: PE

SwissProt: O88410

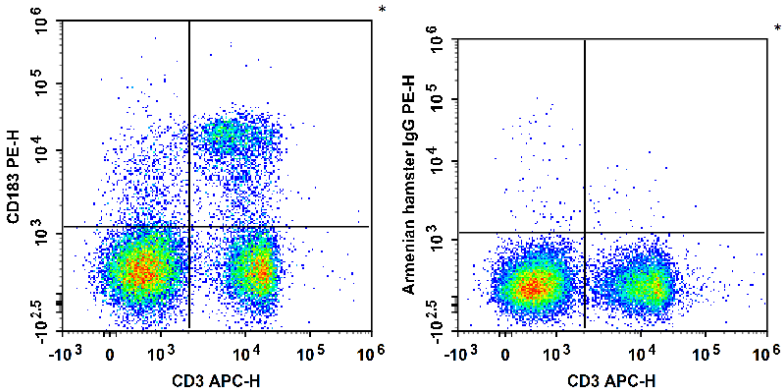
Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. 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 Anti-Mouse CD183/CXCR3 Monoclonal Antibody(PE Conjugated)(filled gray histogram). Unstained splenocytes (empty black histogram) are used as control.



Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.