

Manufacturer/Supplier:

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Product name: AF/LE Purified Anti-Mouse CD183/CXCR3
Monoclonal Antibody

Catalog: DL21390F

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: 50µg/500µg/1mg

Host: Armenian Hamster

Reactivity: Mouse

Application: FCM,Block

Concentration: 0.5 mg/mL

Conjugation: None (Purified antibody,Azide Free/Low endotoxin)

SwissProt: O88410

Buffer: 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.