

**Manufacturer/Supplier:**

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

**Catalog:** DL21393F

**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 Ca<sup>2+</sup> 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  $\mu$ L

**Conjugation:** FITC

**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  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

**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.