

**Manufacturer/Supplier:**

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

**Catalog:** DL21403F

**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 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:** 25µg/100µg

**Host:** Armenian Hamster

**Reactivity:** Mouse

**Application:** FCM

**Concentration:** 0.2 mg/mL

**Conjugation:** PE

**SwissProt:** O88410

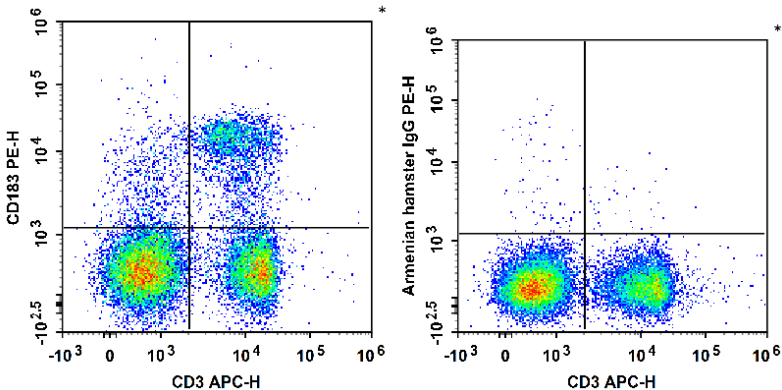
**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### **Recommended Use:**

Each lot of this antibody is quality control tested by flow cytometric analysis. 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/10<sup>6</sup>cells in 100 µL volume].

### **Data:**

C57BL/6 murine splenocytes are stained with Anti-Mouse CD183/CXCR3 Monoclonal Antibody(PE Conjugated)[Used at 0.02  $\mu\text{g}/10^6$  cells dilution](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.