

PE/Cyanine7 Anti-Mouse CD183/CXCR3 Antibody [CXCR3-173]

Catalogue Code: AGEL1432

Antibody Data

Product SKU:	AGEL1432	Clone:	CXCR3-173
Applications:	FCM		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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

Uniprot ID: O88410

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.

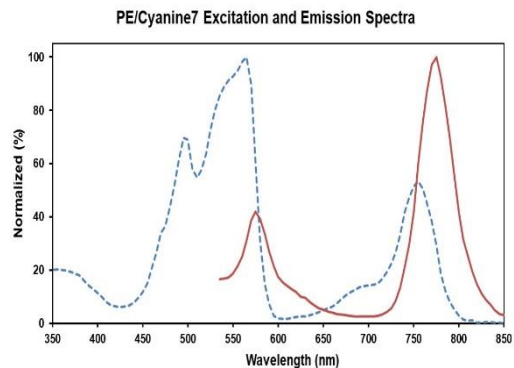
Form: Liquid

Conjugation: PE/Cyanine 7

Size: 25µg, 100µg

Host Species: Armenian Hamster

Isotype: Armenian Hamster IgG



Ex:495;565;755 nm; Em:775 nm

Isotype Control: PE/Cyanine7 Armenian Hamster IgG Isotype Control[PIP] [Product AGEL1432]

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

Shipping: Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: 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/10⁶ cells in 100 µL volume].
