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PE/Cyanine 5.5 Anti-Mouse CD183/CXCR3 Antibody [CXCR3-173]

Catalog Number: E-AB-F1114I

Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Reactivity Mouse

Host Armenian Hamster Isotype Armenian Hamster IgG

Clone No. CXCR3-173

PE/Cyanine5.5 Armenian Hamster IgG Isotype Control[PIP] [Product E-AB-F09852I] Isotype Control

PE/Cyanine 5.5 Conjugation

Conjugation Information PE/Cyanine5.5 is designed to be excited by the Blue (488 nm), Green (532 nm) and

yellow-green (561 nm) lasers and detected using an optical filter centered near 690 nm

(e.g., a 690/50 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount

of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

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

receptor;Interferon-inducible protein 10 receptor

Uniprot ID O88410 Gene ID 12766

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 activiated Tlymphocytes, NK cells, and some epithelial cells and endothelial cells. It is not expressed on B cells, monocytes or granulocytes.

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