

Purified Anti-Mouse CD183/CXCR3 Antibody[CXCR3-173], Functional Grade

catalog number: E-AB-F11140

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

Description

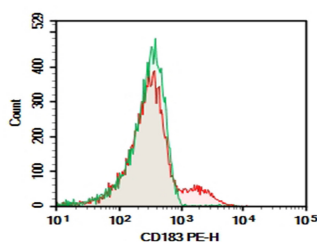
Reactivity	Mouse
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	CXCR3-173
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

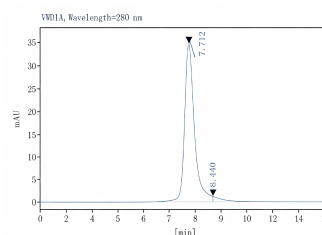
Recommended Dilution

FCM	≤ 0.2 µg per million cells in 100 µL volume
Neut	Reported in the literature

Data



C57/BL6 Mouse splenocytes were stained with 0.2 µg Purified Anti-Mouse CD183/CXCR3 Antibody[CXCR3-173], Functional Grade (Right) and 0.2 µg Armenian Hamster IgG, κ Isotype Control (Left), followed by PE-conjugated Goat Anti-Armenian Hamster IgG Secondary Antibody.



Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

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.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or

For Research Use Only

Application References

Vandana Chaturvedi, et al. J Clin Invest. 2015 Apr;125(4):1713-25.

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