



Product Datasheet

Low Endotoxin Purified Anti-Mouse CD183/CXCR3 Antibody [CXCR3-173]

Catalogue Code: AGEL2217

Antibody Data

Product SKU:	AGEL2217	Clone:	CXCR3-173
Applications:	FCM;Block		
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 Ca ²⁺ 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:	None (AF/LE)
Size:	50µg, 500µg, 1mg
Host Species:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Isotype Control:	AF/LE Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL2217]
Storage Buffer:	0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.
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. For flow cytometric staining, the suggested use of this reagent is $\leq 2.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
