



Product Datasheet

Purified Anti-Mouse CD183/CXCR3 Antibody [CXCR3-173] Catalogue Code: AGEL0428

Antibody Data

Product SKU:	AGEL0428	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 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:	Unconjugated
Size:	25µg, 100µg
Host Species:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Isotype Control:	Purified Armenian Hamster IgG Isotype Control[PIP] [Product AGEL0428]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
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.