

APC Rabbit anti-Human/Monkey CD184/CXCR4 mAb

Catalog NO.: A29336

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human, Cynomolgus

Conjugation

APC. Ex:650nm. Em:660nm.

Clone number

ARC83590

Background

This gene encodes a CXC chemokine receptor specific for stromal cell-derived factor-1. The protein has 7 transmembrane regions and is located on the cell surface. It acts with the CD4 protein to support HIV entry into cells and is also highly expressed in breast cancer cells. Mutations in this gene have been associated with WHIM (warts, hypogammaglobulinemia, infections, and myelokathexis) syndrome. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Hu 7852/Cyno 707329

Swiss Prot

P61073

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

CD184; D2S201E; FB22; HM89; HSY3RR; LCR1; LESTR; NPY3R; NPYR; NPYRL; NPY3R; WHIM; WHIMS; WHIMS1

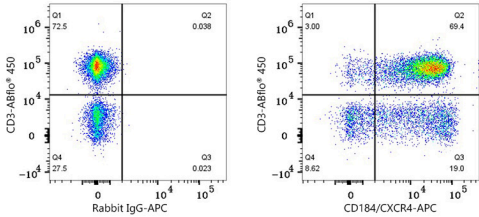
Contact

Product Information

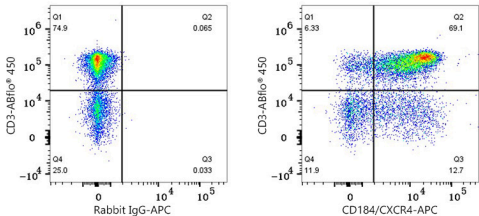
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 µl/Test) and APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human/Monkey CD184/CXCR4 mAb (A29336,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1X10⁶ Cynomolgus PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5 µl/Test) and APC Rabbit IgG isotype control (A24173,5 µl/Test,left) or APC Rabbit anti-Human/Monkey CD184/CXCR4 mAb (A29336,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.

