

# APC Rabbit anti-Human/Monkey CD184/CXCR4 mAb

Catalog No.: A29336

## Basic Information

### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human, Cynomolgus

### CloneNo number

ARC83590

### Conjugate

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

## 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  $\mu$ l per  $10^6$  cells in 100  $\mu$ l 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

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

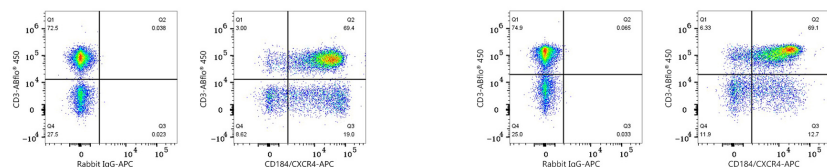
Affinity purification

### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data



Flow cytometry:  $1 \times 10^6$  Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5  $\mu$ l/Test) and APC Rabbit IgG isotype control (A24173,5  $\mu$ l/Test, left) or APC Rabbit anti-Human/Monkey CD184/CXCR4 mAb (A29336,5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry:  $1 \times 10^6$  Cynomolgus PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177,5  $\mu$ l/Test) and APC Rabbit IgG isotype control (A24173,5  $\mu$ l/Test, left) or APC Rabbit anti-Human/Monkey CD184/CXCR4 mAb (A29336,5  $\mu$ l/Test, right). Cells in the lymphocyte gate were used for analysis.