

# APC Mouse anti-Human CD193/CCR3 mAb

**Catalog No.:** A28630

## Basic Information

**Observed MW**

**Calculated MW**

41kDa

**Category**

Primary antibody

**Applications**

FC

**Cross-Reactivity**

Human

**CloneNo** number

AMC0896

**Conjugate**

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

## Background

The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described.

## Recommended Dilutions

**FC** 5  $\mu$ l per  $10^6$  cells in 100  $\mu$ l volume

## Immunogen Information

**Gene ID**

1232

**Swiss Prot**

P51677

**Immunogen**

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

**Synonyms**

CKR3; CD193; CKR 3; CMKBR3; C C CKR3; CC-CKR-3

## Contact

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## Product Information

**Source**

Mouse

**Isotype**

IgG2b,  $\kappa$

**Purification**

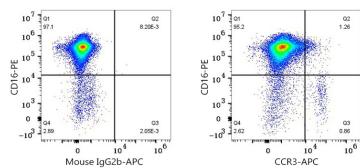
Affinity purification

**Storage**

Store at 2-8°C. Avoid freeze.  
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> Human peripheral blood leukocytes were surface-stained with PE Rabbit anti-Human/Monkey CD16 mAb (A24974,5 µl/Test) and APC Mouse IgG2b isotype control (A22884,5 µl/Test, left) or APC Mouse anti-Human CD193/CCR3 mAb (A28630,5 µl/Test, right).