

ABflo® 488 Mouse anti-Human CD193/CCR3 mAb

Catalog No.: A28631

Basic Information

Observed MW

Calculated MW

41kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

AMC0896

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

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, κ

Purification

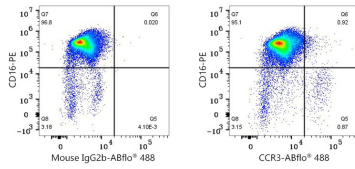
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 Human peripheral blood leukocytes were surface-stained with PE Rabbit anti-Human/Monkey CD16 mAb (A24974, 5 μ l/Test) and ABflo® 488 Mouse IgG2b isotype control (A25490, 5 μ l/Test, left) or ABflo® 488 Mouse anti-Human CD193/CCR3 mAb (A28631, 5 μ l/Test, right).