

A Reliable Research Partner in Life Science and Medicine

# Elab Fluor® 647 Anti-Human CD193/CCR3 Antibody[5E8]

Catalog Number: E-AB-F1303M

Note: Centrifuge before opening to ensure complete recovery of vial contents.

#### **Description**

Reactivity Human Mouse Host

Isotype Mouse IgG2b, ĸ

Clone No. 5E8

Isotype Control Elab Fluor<sup>®</sup> 647 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-F09812M]

Conjugation Elab Fluor®647

**Conjugation Information** Elab Fluor® 647 is designed to be excited by the Red laser (627-640 nm) and detected

using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).

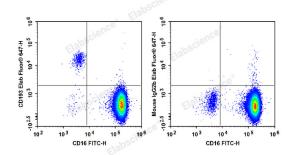
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

#### **Applications** Recommended usage

**FCM** 

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### Data



Human peripheral blood granulocytes are stained with FITC

Anti-Human CD16 Antibody and Elab Fluor® 647 Anti-Human CD193/CCR3 Antibody (Left). Granulocytes are stained with FITC Anti-Human CD16 Antibody and Elab

Fluor® 647 Mouse IgG2b, k Isotype Control (Right).

### **Preparation & Storage**

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

### **Antigen Information**

**Alternate Names** MIP1-alpha receptor like-2eotaxin receptor; C-C chemokine receptor type 3; CC CKR3;

CCR;CCR3

**Uniprot ID** P51677

## For Research Use Only

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#### Elabscience Bionovation Inc.



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Gene ID Background 1232

CD193, also known as CC-chemokine receptor 3 (CCR3), CC CKR3, MIP1-alpha receptor like-2, and eotaxin receptor, is a member of the G protein-coupled seven transmembrane receptors family. It binds to the CC chemokines eotaxin, eotaxin-2, and eotaxin-3 with high affinity. CCR3 has also been reported to bind RANTES, MCP-3, and MCP-4 with low affinity. CCR3 receptor is expressed on human eosinophils, basophil s, mast cells, mononuclear phagocytes, platelets, CD34+ hematopoietic progenitor cells, Th2-like lymphocytes, and keratinocytes. CCR3 is thought to play a role in allergic diseases such as bronchial asthma and allergic rhinitis. CCR3 is a co-receptor for HI V-1 and HIV-2, and the binding of eotaxin with CCR3 has been shown to inhibit HIV infection in some cell types.