

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 450 Anti-Human CD193/CCR3 Antibody[5E8]

Catalog Number: E-AB-F1303Q

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG2b, κ

Clone No. 5E8

Isotype Control Elab Fluor® Violet 450 Mouse IgG2b, κ Isotype Control[MPC-11] [Product E-AB-

F09812Q1

Conjugation Elab Fluor[®] Violet 450

Conjugation Information Elab Fluor[®] Violet 450 is designed to be excited by the violet laser (405 nm) and

detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter).

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

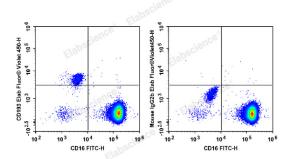
Applications Recommended usage

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 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L 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[®] Violet 450 Anti-Human CD193/CCR3 Antibody (Left). Granulocytes are stained with FITC Anti-Human CD16 Antibody and Elab

Fluor® Violet 450 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

Toll-free: 1-888-852-8623 Tel: 1-832-243-6086 Fax: 1-832-243-6017

Web:www.elabscience.com Email:techsupport@elabscience.com

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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.