

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

Catalog Number: GFH1303Q

**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-F09812Q]                                                                                         |
| 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% sodium azide.                                                                                                          |

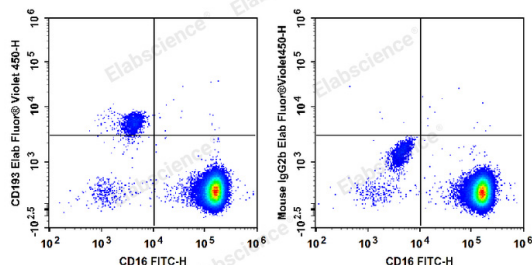
### Applications

### 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® Violet 450 Anti-Human CD193/CCR3 Antibody (Left). Granulocytes are stained with FITC Anti-Human CD16 Antibody and Elab

Fluor® Violet 450 Mouse IgG2b,κ Isotype Control (Right).

### Preparation & Storage

|          |                                                                                                                                                           |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage  | Keep as concentrated solution.<br>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

**Gene ID**

1232

**Background**

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, basophils, 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 HIV-1 and HIV-2, and the binding of eotaxin with CCR3 has been shown to inhibit HIV infection in some cell types.