

## Elab Fluor® Violet 450 Anti-Human CD11c Antibody[BU15]

Catalog Number: GFH1118Q

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

### Description

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                        |
| Host                    | Mouse                                                                                                                                                                        |
| Isotype                 | Mouse IgG1,κ                                                                                                                                                                 |
| Clone No.               | BU15                                                                                                                                                                         |
| Isotype Control         | Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control[MOPC-21] [Product GFH09792Q]                                                                                            |
| 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.                                                                                                          |

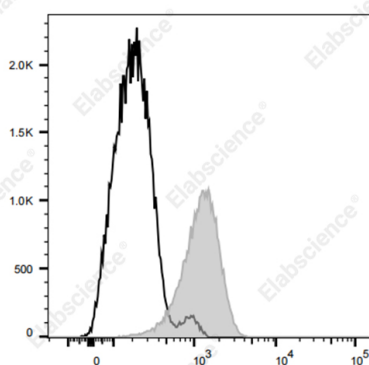
### Applications

### 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



Staining of normal human peripheral blood cells with Elab Fluor® Violet 450 Anti-Human CD11c Antibody[BU15] (filled gray histogram) or Elab Fluor® Violet 450 Mouse IgG1, κ Isotype Control (empty black histogram). Cells in the lymphocytes gate were used for analysis.

### 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 | Integrin alpha-X;Itgax;CD11 antigen-like family member C;Leukocyte adhesion receptor p150+95;CD11c |
| Uniprot ID      | P20702                                                                                             |

### For Research Use Only

**Gene ID**

3687

**Background**

CD11c is a 145-150 kD type I transmembrane glycoprotein also known as integrin  $\alpha$ X and CR4. CD11c non-covalently associates with integrin  $\beta$ 2 (CD18) and is expressed on monocytes/macrophages, dendritic cells, granulocytes, NK cells, and subsets of T and B cells. CD11c has been reported to play a role in adhesion and CTL killing through its interactions with fibrinogen, CD54, and iC3b.