

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 540 Anti-Human CD11c Antibody[BU15]

Catalog Number: E-AB-F1118T3

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 540 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-

F09792T31

Conjugation Elab Fluor® Violet 540

Conjugation Information Elab Fluor® Violet 540 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter).

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

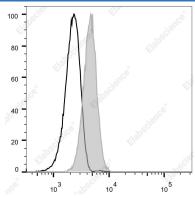
Applications Recommended usage

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



Staining of normal human peripheral blood cells with Elab

Fluor[®] Violet 540 Anti-Human CD11c Antibody[BU15](filled gray histogram) or Elab Fluor[®] Violet 540 Mouse IgG1, κ Isotype Control(empty black histogram). Cells in the granulocytes gate were used for analysis.

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 CD11 antigen-like family member C;CD11c;Integrin alpha-X;Itgax;Leukocyte adhesion

receptor p150+95

Uniprot ID P20702

For Research Use Only

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Gene ID Background 3687

CD11c is a 145-150 kD type I transmembrane glycoprotein also known as integrin αX 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.