

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 500 Anti-Mouse/Human CD11b Antibody[M1/70]

Catalog Number: E-AB-F1081R

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

Description

Reactivity Human; Mouse

Host Rat

Isotype Rat IgG2b, ĸ M1/70 Clone No.

Isotype Control Elab Fluor® Violet 500 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842R]

Conjugation Elab Fluor® Violet 500

Conjugation Information Elab Fluor® Violet 500 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 501 nm (e.g., a 525/45 nm bandpass filter).

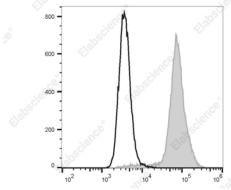
Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Storage Buffer

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



Staining of C57BL/6 murine bone marrow cells with Elab

Fluor® Violet 500 Anti-Mouse/Human CD11b

Antibody[M1/70] (filled gray histogram) or Elab Fluor[®] Violet 500 Rat IgG2b, κ Isotype Control (empty black histogram).

Total viable cells 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

CD11 antigen-like family member B;CD11b;CR-3 alpha chain;Integrin alpha-M;Itgam; **Alternate Names**

Leukocyte adhesion receptor MO1

Uniprot ID P05555;P11215;

For Research Use Only

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Rev. V1.9

Elabscience Bionovation Inc.



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Gene ID **Background** 16409;3684

CD11b is a 170 kD glycoprotein also known as αM integrin, Mac-1 α subunit, Mol, CR3, and Ly-40. CD11b is a member of the integrin family, primarily expressed on granulocytes, monocytes/macrophages, dendritic cells, NK cells, and subsets of T and B cells. CD11b non-covalently associates with CD18 (β2 integrin) to form Mac-1. Mac-1 plays an important role in cell-cell interaction by binding its ligands ICAM-1 (CD54), ICAM-2 (CD102), ICAM-4 (CD242), iC3b, and fibrinogen.

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