

Elab Fluor® Red 780 Anti-Mouse/Human/Monkey CD11b Antibody[M1/70]

Catalog Number: E-AB-F1081S

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

Description

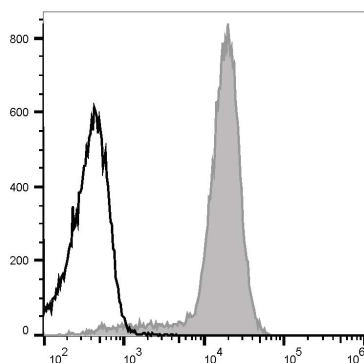
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| Reactivity | Human;Rhesus;Mouse |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone No. | M1/70 |
| Isotype Control | Elab Fluor® Red 780 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842S] |
| Conjugation | Elab Fluor® Red 780 |
| Conjugation Information | Elab Fluor® Red 780 is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 770 nm (e.g., a 780/60 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |

Applications

Recommended usage

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| 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. |
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Data



Staining of C57BL/6 murine bone marrow cells with Elab Fluor® Red 780 Anti-Mouse/Human/Monkey CD11b Antibody[M1/70] (filled gray histogram) or Elab Fluor® Red 780 Rat IgG2b, κ Isotype Control (empty black histogram). Total viable cells were used for analysis.

Preparation & Storage

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| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

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| Alternate Names | CD11 antigen-like family member B;CD11b;CR-3 alpha chain;Integrin alpha-M;Itgam; Leukocyte adhesion receptor MO1 |
| Uniprot ID | P05555;P11215 |

For Research Use Only

Gene ID

16409;3684

Background

CD11b is a 170 kD glycoprotein also known as α M integrin, Mac-1 α subunit, MoI, 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 (β 2 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.