

APC Anti-Mouse/Human CD11b Antibody[M1/70]

Catalog Number: E-AB-F1081E

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

Description

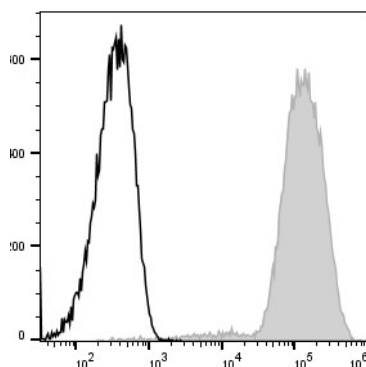
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|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity | Human;Mouse |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone No. | M1/70 |
| Isotype Control | APC Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842E] |
| Conjugation | APC |
| Conjugation Information | APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA. |

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 APC Anti-Mouse/Human CD11b Antibody[M1/70] (filled gray histogram) or APC Rat IgG2b, κ Isotype Control (empty black histogram). Cells in the large scatter population 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 12 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, 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 (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.