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

Catalog No. E-AB-F1081UE Reactivity Human, Mouse

Storage Store at 2~8°C, Avoid freeze / thaw cycles Applications FCM

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

Antigen Information

Alternate Names Integrin alpha-M,Itgam,CD11 antigen-like family member B,CR-3 alpha chain,Leukocyte

adhesion receptor MO1,CD11b

Uniprot ID P05555,P11215

Background 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 (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.

Product Details

 $\begin{tabular}{lll} Form & Liquid \\ Concentration & 0.2 mg/mL \\ Size & 25 \mu g/100 \mu g \\ Clone No. & M1/70 \\ Host & Rat \\ \end{tabular}$

 $\begin{tabular}{ll} \textbf{Isotype} & Rat IgG2b, \kappa \\ \textbf{Reactivity} & Human, Mouse \\ \end{tabular}$

Application FCM

Isotype Control APC Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843E]

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.



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Fluorophore

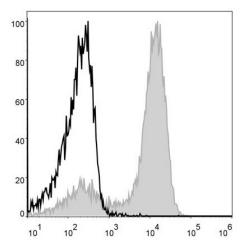
Conjugation: APC

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).

Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 $\mu g/10^6$ cells in $100~\mu L$ volume].

Product data



C57BL/6 murine bone marrow cells are stained with APC Anti-Mouse/Human CD11b Antibody (filled gray histogram).

Unstained bone marrow cells (empty black histogram) are used as control.

Related Information

- 1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
- 2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
- 3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
- 4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html