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

Catalog Number: E-AB-F1081B

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

Description

Reactivity Human; Mouse

Host Rat

IsotypeRat $\lg G2b$, κ Clone No.M1/70

Isotype Control Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843B]

Conjugation Biotin

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. For flow

cytometric staining, the suggested use of this reagent is \leq 1.0 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

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 **Gene ID** 16409;3684

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 (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.