Product Datasheet

Low Endotoxin Purified Anti-Mouse/Human CD11b Antibody [M1/70]

Catalogue Code: AGEL1099

Antibody Data

Product SKU:	**AGEL1099**	**Clone:**	**M1/70**
Applications:	**FCM**		
Reactivity:	**Human;Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product 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 (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.

Form: Liquid

Conjugation: None (AF/LE)

Size: 50µg, 500µg, 1mg

Host Species: Rat

Isotype: Rat IgG2b, κ

Isotype Control: AF/LE Purified Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL1099]

Storage Buffer: 0.2 µm filtered in PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE): Contains no stabilizers or stabilizers. Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

Shipping: Biological ice pack at 4℃

Stability & Storage:	Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.
Recommended Usage:	Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 0.125 µg per 106 cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.