



Product Datasheet

Biotin Anti-Mouse/Human CD11b Antibody [M1/70] Catalogue Code: AGEL0305

Antibody Data

Product SKU:	AGEL0305	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 α M integrin, Mac-1 α subunit, Mo1, 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.
Form:	Liquid
Conjugation:	Biotin
Size:	25µg, 100µg
Host Species:	Rat
Isotype:	Rat IgG2b, κ
Isotype Control:	Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0305]
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. 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 $\leq 1.0 \mu\text{g}$ per 10^6 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.
