

**GenieFluor 647 Anti-Mouse/Human  
CD11b Antibody [M1/70]**  
Catalogue Code: AGEL2171

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL2171</b>	<b>Clone:</b>	<b>M1/70</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human;Mouse</b>		

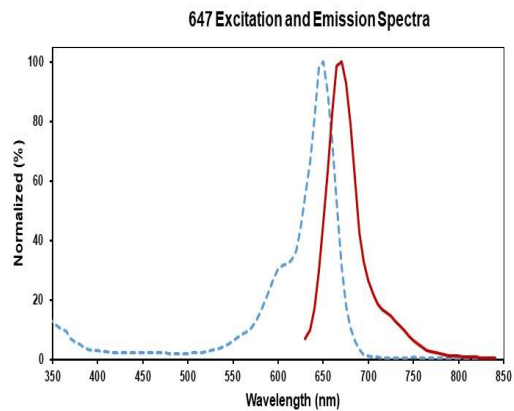
**Important Note:**

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  $\alpha$ M integrin, Mac-1  $\alpha$  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 ( $\beta$ 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:** Genie Fluor647  
**Size:** 50 Tests, 100 Tests, 200 Tests  
**Host Species:** Rat  
**Isotype:** Rat IgG2b,  $\kappa$



**Isotype Control:** Genie Fluor 647 Rat IgG2b,  $\kappa$  Isotype Control[LTF-2] [Product AGEL2171]  
**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. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.