

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL1109</b>	<b>Clone:</b>	<b>M1/70</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human;Mouse</b>		

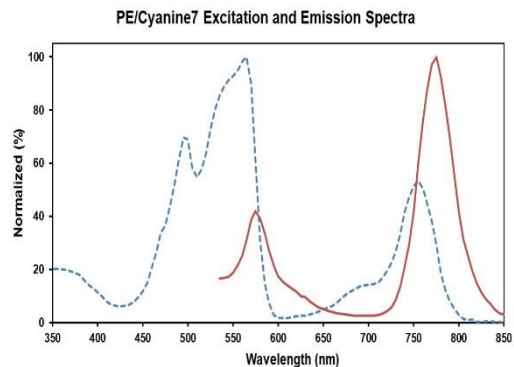
**Important Note:**

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, MoI, 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:** PE/Cyanine 7  
**Size:** 25 $\mu$ g, 100 $\mu$ g  
**Host Species:** Rat  
**Isotype:** Rat IgG2b,  $\kappa$



Ex:495;565;755 nm; Em:775 nm

**Isotype Control:** PE/Cyanine7 Rat IgG2b,  $\kappa$  Isotype Control[LTF-2] [Product AGEL1109]  
**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. 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 µg/10<sup>6</sup> cells in 100 µL volume].

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