

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0831</b>	<b>Clone:</b>	<b>FD441.8</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

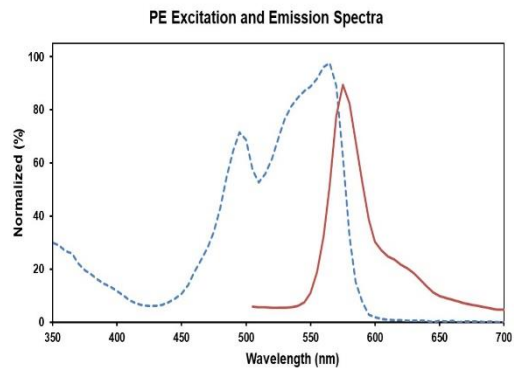
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Integrin alpha-L;Itgal;CD11 antigen-like family member A;LFA-1A;Lymphocyte antigen 15;Ly-15;CD11a;  
**Uniprot ID:** P24063  
**Background:** CD11a is a 180 kD glycoprotein, also known as  $\alpha$ L integrin, LFA-1  $\alpha$ , Ly-15, or Ly-21. It is a member of the integrin family, primarily expressed on lymphocytes, monocytes/macrophages, and granulocytes. In association with CD18, the CD11a/CD18 complex forms LFA-1. CD11a plays an important role in intercellular adhesion and costimulation by binding its ligands, ICAM-1 (CD54), ICAM-2 (CD102), and ICAM-3 (CD50).

**Form:** Liquid  
**Conjugation:** PE  
**Size:** 25 $\mu$ g, 100 $\mu$ g  
**Host Species:** Rat  
**Isotype:** Rat IgG2b,  $\kappa$



Ex:495;565 nm; Em:575 nm

**Isotype Control:** PE Rat IgG2b,  $\kappa$  Isotype Control[LTF-2] [Product AGEL0831]  
**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].