



## Product Datasheet

### Low Endotoxin Purified Anti-Mouse CD11a Antibody [FD441.8]

Catalogue Code: AGEL2163

#### Antibody Data

<b>Product SKU:</b>	<b>AGEL2163</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:

<b>Alternate Names:</b>	Integrin alpha-L;Itgal;CD11 antigen-like family member A;LFA-1A;Lymphocyte antigen 15;Ly-15;CD11a;
<b>Uniprot ID:</b>	P24063
<b>Background:</b>	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).
<b>Form:</b>	Liquid
<b>Conjugation:</b>	None (AF/LE)
<b>Size:</b>	50 $\mu$ g, 500 $\mu$ g, 1mg
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2b, $\kappa$
<b>Isotype Control:</b>	AF/LE Purified Rat IgG2b, $\kappa$ Isotype Control[LTF-2] [Product AGEL2163]
<b>Storage Buffer:</b>	0.2 $\mu$ m 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.
<b>Shipping:</b>	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  $\mu\text{L}$  volume or 100  $\mu\text{L}$  of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

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