

**Low Endotoxin Purified Anti-Mouse  
CD1d Antibody [19G11]**  
Catalogue Code: AGEL2162

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL2162</b>	<b>Clone:</b>	<b>19G11</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>	Antigen-presenting glycoprotein CD1d1;Cd1d1;CD1d.1;Cd1d1;Cd1.1;
<b>Uniprot ID:</b>	P11609
<b>Background:</b>	CD1d is a type I transmembrane protein and member of the MHC family, with a molecular weight ranging from 43-49 kD, depending on the glycosylation degree. CD1d is expressed by antigen presenting cells such as dendritic cells, monocytes, macrophages and B cells; also expressed by thymocytes and intestinal epithelial cells. CD1d present glycolipids to iNKT cells that recognize them by their Vα14i TCR.
<b>Form:</b>	Liquid
<b>Conjugation:</b>	None (AF/LE)
<b>Size:</b>	50µg, 500µg, 1mg
<b>Host Species:</b>	Rat
<b>Isotype:</b>	Rat IgG2b, κ
<b>Isotype Control:</b>	AF/LE Purified Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL2162]
<b>Storage Buffer:</b>	0.2 µm 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  $\leq 0.5 \mu\text{g}$  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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