

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0151</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:**

**Alternate Names:** Antigen-presenting glycoprotein CD1d1;Cd1d1;CD1d.1;Cd1d1;Cd1.1;

**Uniprot ID:** P11609

**Background:** 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.

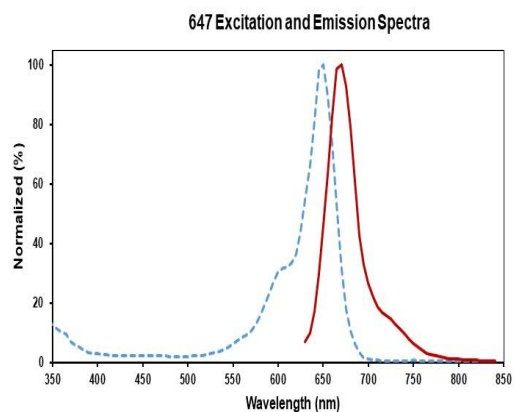
**Form:** Liquid

**Conjugation:** Genie Fluor647

**Size:** 50 Tests, 100 Tests, 200 Tests

**Host Species:** Rat

**Isotype:** Rat IgG2b, κ



**Isotype Control:** Genie Fluor 647 Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0151]

**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.