Product Datasheet

Biotin Anti-Mouse CD1d Antibody [19G11]

Catalogue Code: AGEL0148

Antibody Data

Product SKU:	**AGEL0148**	**Clone:**	**19G11**
Applications:	**FCM**		
Reactivity:	**Mouse**		

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: Biotin

Size: 25µg, 100µg

Host Species: Rat

Isotype: Rat IgG2b, κ

Isotype Control: Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0148]

Storage Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Shipping: Biological ice pack at 4℃

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 ≤ 1.0 µg per 106 cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.