

Biotin Anti-Mouse CD1d Antibody[19G11]

Catalog Number: E-AB-F1032B

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Mouse
Host	Rat
Isotype	Rat IgG2b, κ
Clone No.	19G11
Isotype Control	Biotin Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09843B]
Conjugation	Biotin
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide and 1% BSA.

Applications

Recommended usage

FCM

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 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	Antigen-presenting glycoprotein CD1d1;CD1d.1;Cd1.1;Cd1d1
Uniprot ID	P11609
Gene ID	12479
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 V α 14i TCR.

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