

Datasheet for ABIN7456633 **anti-CD1d antibody (Biotin)**



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Overview

Quantity:	25 µg
Target:	CD1d (CD1D)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This CD1d antibody is conjugated to Biotin
Application:	Flow Cytometry (FACS)

Product Details

Clone:	19G11
Isotype:	IgG2b, kappa

Target Details

Target:	CD1d (CD1D)
Alternative Name:	CD1d (CD1D Products)
Background:	Antigen-presenting glycoprotein CD1d1,Cd1d1,CD1d.1,Cd1d1,Cd1.1,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.

Target Details

Gene ID:	12479
UniProt:	P11609
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	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.
Comment:	Matching Isotype Control: Biotin Rat IgG2b, κ Isotype Control (ABIN7469857)
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS with 0.05 % Proclin300, 1 % BSA
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2~8°C. Do not freeze.