Datasheet for ABIN4369392

anti-CD1d1 antibody

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Overview

Quantity:	0.5 mg
Target:	CD1d1 (CD1D1)
Reactivity:	Chicken
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Lymphocytes from the bursa of Fabricius of outbred chickens
Clone:	CB3
Isotype:	IgG1
Specificity:	Chicken CD1.1
Characteristics:	Mouse Anti-Chicken CD1.1-UNLB
Purification:	Purified

Target Details

Target:	CD1d1 (CD1D1)
Alternative Name:	CD1.1 (CD1D1 Products)
Background:	CD1 molecules, like MHC I and II, play an equally important role in the immune system by presenting lipid, glycolipid and lipopeptide antigen to T and NKT cells 1. Chicken CD1 gene is

Target Details

located in the chicken MHC B locus and has an important implication for the primordial MHC gene evolution 2. Two proteins have been identified: CD1.1 and CD1.2. Analysis of RNA from blood cells showed that both genes are expressed in Bu-1+ cells (B cells and some macrophages) and CD8a+ cells (some T and NK cells). CD1.2 is expressed in TCR1 + cells (γ δ cells) but is nearly undetectable in TCR2+ and TCR3+ cells (α and β T cells) 1.

Application Details

Application Notes:	• **Applications:** FC - Quality tested , IHC-FS - Reported in literature , ICC - Reported in literature , IP - Reported in literature • **Working Dilutions:** Flow Cytometry Purified (UNLB) antibody 1 g/106 cells FITC and BIOT conjugates 1 g/106 cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 L
Sample Volume:	1 mL
Restrictions:	For Research Use only

Handling

Concentration:	0.5 mg/mL
Buffer:	0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added
Preservative:	Without preservative
Handling Advice:	Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C
Storage Comment:	Store at 2-8°C