

Datasheet for ABIN371451 **anti-CD1d1 antibody**



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Overview

Quantity:	0.1 mg
Target:	CD1d1 (CD1D1)
Reactivity:	Chicken
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD1d1 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Clone:	CB3
Isotype:	IgG1
Characteristics:	Synonyms: T cell surface glycoprotein CD1.1
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. (Ref.1) Chicken CD1 gene is located in the Chicken MHC B locus and has an important implication for the primordial MHC gene evolution. (Ref.2) Two proteins have been identified: CD1.1 and CD1.2. Analysis of RNA

Target Details

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 (gamma delta cells) but is nearly undetectable in TCR2+ and TCR3+ cells (alpha and Beta T cells). (Ref.1)Synonyms: T cell surface glycoprotein CD1.1

UniProt: [Q52Z75](#)

Application Details

Application Notes: Flow Cytometry: < / = 1 µg/10⁶ cells. Immunohistochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: 100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

Expiry Date: 12 months