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Datasheet for ABIN1539475 anti-CD1b antibody (N-Term)

Image



Overview

Quantity:	400 µL
Target:	CD1b (CD1B)
Binding Specificity:	AA 57-85, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	

Product Details

Immunogen:	This CD1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 57-85 amino acids from the N-terminal region of human CD1B.
Clone:	RB36689
lsotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

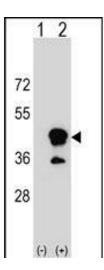
Target Details

Target:	CD1b (CD1B)
Alternative Name:	CD1B (CD1B Products)
Background:	This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily

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Target Details

	lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail, and requires vesicular acidification to bind lipid antigens. [provided by RefSeq].
Molecular Weight:	36939
Gene ID:	910
NCBI Accession:	NP_001755
UniProt:	P29016
Application Details	
Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 $\%$ (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	CD1B Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of CD1B (arrow) using rabbit polyclonal CD1B Antibody (N-term) (ABIN1539475 and ABIN2849952). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the CD1B gene.

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