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Datasheet for ABIN6260586 anti-CD1d antibody (Internal Region)

2 Images



Overview

Quantity:	100 µL
Target:	CD1d (CD1D)
Binding Specificity:	Internal Region
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD1d antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	A synthesized peptide derived from human CD1D, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	CD1D Antibody detects endogenous levels of total CD1D.
Predicted Reactivity:	Bovine,Horse,Sheep,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:

CD1d (CD1D)

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Target Details

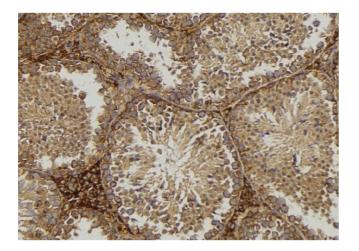
Alternative Name:	CD1D (CD1D Products)
Background:	Description: Antigen-presenting protein that binds self and non-self glycolipids and presents them to T-cell receptors on natural killer T-cells. Gene: CD1D
Molecular Weight:	38kDa
Gene ID:	912
UniProt:	P15813
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB 1:500-1:2000, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Immunohistochemistry

Image 1. ABIN6276860 at 1/100 staining Mouse testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_{j} aC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

kDa 1 2 250-150-100-75-50-37-25-20-15-

Western Blotting

Image 2. Western blot analysis of Hela whole cell lysates, using CD1D Antibody. The lane on the left is treated with the antigen-specific peptide.

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