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# anti-CD1d antibody (AA 64-298)

3 Images



#### Overview

Overview		
Quantity:	100 μL	
Target:	CD1d (CD1D)	
Binding Specificity:	AA 64-298	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CD1d antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)	
Product Datails		

#### **Product Details**

Immunogen:	CD1d (Thr64-Ser298)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CD1d. It has been selected for its ability to recognize CD1d in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography

## **Target Details**

Target:	CD1d (CD1D)
Alternative Name:	Cluster Of Differentiation 1d (CD1d) (CD1D Products)
Background:	Alternative Names: CD1-D, CD1A, R3G1, Antigen-presenting glycoprotein CD1d

Pathways:

Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

#### **Application Details**

Application Notes:

Western blotting: 1:50-400 Immunocytochemistry in formalin fixed cells: 1:50-500
 Immunohistochemistry in formalin fixed frozen section: 1:50-500 Immunohistochemistry in paraffin section: 1:10-100 Enzyme-linked Immunosorbent Assay: 1:100-1:5000 Optimal working dilutions must be determined by end user.

Comment:

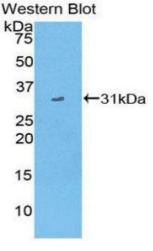
The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37&degC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions:

For Research Use only

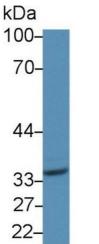
### Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute
	azide-containing compounds in running water before discarding to avoid accumulation of
	potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	4 °C
Storage Comment:	Store at 2-8 °C for one month. Aliquot and store at -80 °C for 12 months.
Expiry Date:	12 months



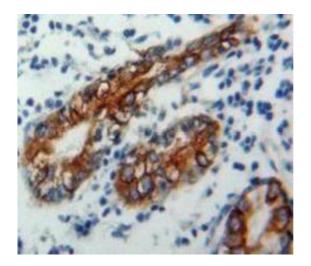
#### **Western Blotting**

Image 1.



#### **Western Blotting**

Image 2. Western Blot; Sample: Mouse Liver lysate; Primary Ab: 3μg/ml Rabbit Anti-Human CD1d Antibody Second Ab: 0.2μg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)



#### **Immunohistochemistry**

**Image 3.** Used in DAB staining on fromalin fixed paraffinembedded Stomach tissue