

## **CD1D Polyclonal Antibody**

**Catalog # AP73422** 

## **Specification**

## **CD1D Polyclonal Antibody - Product Information**

Application WB, IHC-P
Primary Accession P15813
Reactivity Human
Host Rabbit
Clonality Polyclonal

# **CD1D Polyclonal Antibody - Additional Information**

## Gene ID 912

#### **Other Names**

CD1D; Antigen-presenting glycoprotein CD1d; R3G1; CD1d

#### Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~ $\sim$ N/A

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

## **Storage Conditions**

-20°C

## **CD1D Polyclonal Antibody - Protein Information**

## Name CD1D

#### **Function**

Antigen-presenting protein that binds self and non-self glycolipids and presents them to T-cell receptors on natural killer T- cells.

## **Cellular Location**

Cell membrane; Single-pass type I membrane protein. Basolateral cell membrane; Single-pass type I membrane protein. Endosome membrane; Single-pass type I membrane protein. Lysosome membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Note=Subject to intracellular trafficking between the cell membrane, endosomes and lysosomes.

## **Tissue Location**

Expressed on cortical thymocytes, on certain T-cell leukemias, and in various other tissues

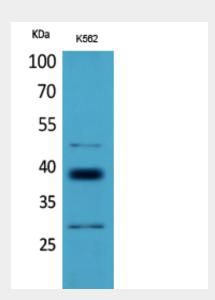


# **CD1D Polyclonal Antibody - Protocols**

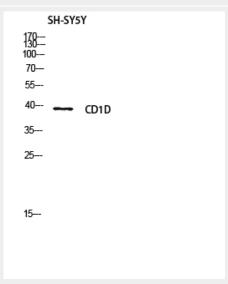
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## **CD1D Polyclonal Antibody - Images**

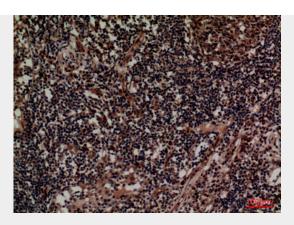


Western Blot analysis of K562 cells using CD1D Polyclonal Antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000

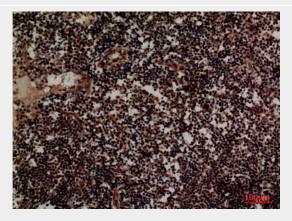


Western blot analysis of SH-SY5Y lysis using CD1D antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000

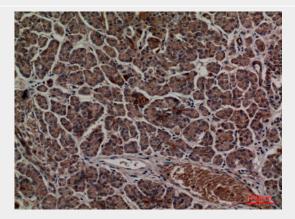




Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100

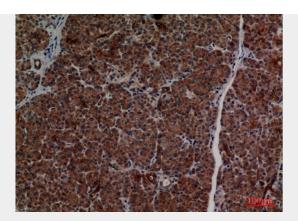


Immunohistochemical analysis of paraffin-embedded human-lymph, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100





Immunohistochemical analysis of paraffin-embedded human-pancreas, antibody was diluted at 1:100

# **CD1D Polyclonal Antibody - Background**

Antigen-presenting protein that binds self and non-self glycolipids and presents them to T-cell receptors on natural killer T-cells.