

CD1D Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17240**Specification**

CD1D Antibody - Product Information

Application	WB, IHC-P
Primary Accession	P15813
Other Accession	912
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	37717
Dilution	WB~~1:1000 IHC-P~~N/A

CD1D Antibody - Additional Information**Gene ID** 912**Other Names**

CD1D, CD1D antigen, d polypeptide, R3, R3G1, CD1d antigen, CD1d molecule, Thymocyte antigen CD1D

Target/Specificity

Human CD1D

Reconstitution & Storage

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions

CD1D Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

CD1D 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

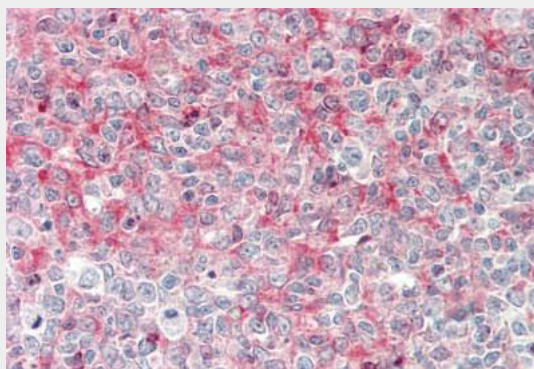
Volume

50 μ l

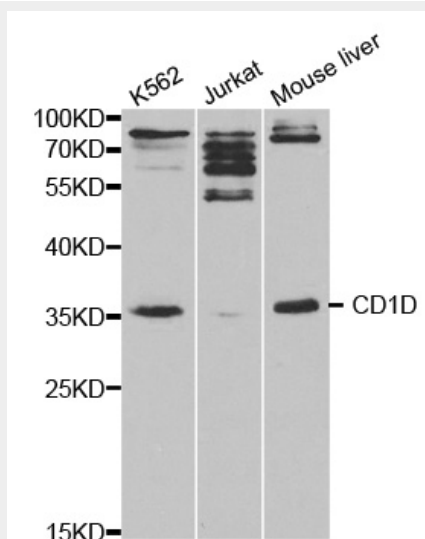
CD1D Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CD1D Antibody - Images

Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot analysis of extracts of various cell lines, using CD1D antibody.

CD1D Antibody - Background

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

CD1D Antibody - References

Calabi F.,et al.Eur. J. Immunol. 19:285-292(1989).
Balk S.P.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:252-256(1989).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Han M.,et al.Tissue Antigens 54:122-127(1999).