

CD1b Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51926

Specification

CD1b Antibody - Product Information

Application	WB, E
Primary Accession	P29016
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37 KDa

CD1b Antibody - Additional Information

Gene ID 910

Other Names

T-cell surface glycoprotein CD1b, CD1b, CD1B

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

CD1b Antibody - Protein Information

Name CD1B

Function

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

Cellular Location

Cell membrane; Single-pass type I membrane protein. Endosome membrane; Single-pass type I membrane protein. Lysosome 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

CD1b 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](#)

CD1b Antibody - Images

CD1b Antibody - Background

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

CD1b Antibody - References

Martin L.H., et al. Proc. Natl. Acad. Sci. U.S.A. 84:9189-9193(1987).
Aruffo A., et al. J. Immunol. 143:1723-1730(1989).
Gregory S.G., et al. Nature 441:315-321(2006).
Martin L.H., et al. Proc. Natl. Acad. Sci. U.S.A. 83:9154-9158(1986).
Shamshiev A., et al. Immunity 13:255-264(2000).