

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

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**CD1b Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">P29016</a> |
| 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

**Dilution**

WB~~1:1000

E~~N/A

**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).