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CD1b Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51926

Product Information

Application	WB
Primary Accession	P29016
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36939

Additional Information

Gene ID	910
Other Names	T-cell surface glycoprotein CD1b, CD1b, CD1B
Dilution	WB~~1:1000
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

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

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.

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.