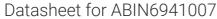
# antibodies -online.com







## anti-CD1b antibody





#### Overview

Quantity:	100 μg
Target:	CD1b (CD1B)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD1b antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Functional Studies (Func)

#### **Product Details**

Immunogen:

Clone:	100-1A5
Isotype:	IgM kappa
Specificity:	The Mouse monoclonal antibody recognizes CD1b, a 44 kDa type I glycoprotein associated with
	beta2-microglobulin (Workshop IV, Code T015). It is expressed on dendritic cells, Langerhans
	cells, thymocytes, and T acute lymphoblastic leukemia cells. The CD1 multigene family
	encodes five forms of the CD1 T-cell surface glycoprotein in human, designated CD1A, 1B, 1C,
	1D and 1E. CD1, a type 1 membrane protein, has structural similarity to the MHC class I antigen
	and has been shown to present lipid antigens for recognition by T lymphocytes. Constitutive
	endocytosis of CD1B molecules and the differential sorting of MHC class II from lysosomes
	separate peptide- and lipid antigen-presenting molecules during dendritic cell maturation. CD1B
	is also expressed in interdigitating cells.

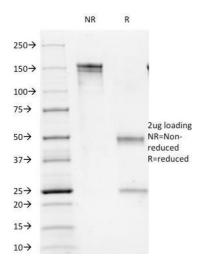
Stimulated human leukocytes

## **Product Details** Purified by Protein A/G Purification: Target Details CD1b (CD1B) Target: Alternative Name CD1B (CD1B Products) Molecular Weight: 44kDa Gene ID: 910 UniProt: P29016 **Application Details** Positive Control: MOLT4 cells. Human thymus. **Application Notes:** Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µ g/mL), Functional Studies (Order Ab without BSA & Azide), Optimal dilution for a specific application should be determined. Restrictions: For Research Use only Handling Concentration: 200 μg/mL Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage: 4 °C,-80 °C Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous. No MSDS required.

24 months

**Expiry Date:** 



### **SDS-PAGE**

**Image 1.** SDS-PAGE Analysis Purified CD1b Mouse Monoclonal Antibody (100-1A5). Confirmation of Integrity and Purity of Antibody.