



Datasheet for ABIN6941008 anti-CD1c antibody



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1 Image

Overview

Quantity:	100 µg
Target:	CD1c (CD1C)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD1c antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant full-length human CD1c protein
Clone:	CD1C-1603
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	CD1c (CD1C)
Alternative Name:	CD1C (CD1C Products)

Background: 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. CD1 antigens are associated with -2-Microglobulin and expressed on cortical

Target Details

thymocytes, Langerhans cells, a B cell subset and some dendritic cells. Specifically, CD1A is a marker for Langerhans cell histiocytosis (LCH) and is found on interdigitating cells. Adaptor-protein complexes and CD1-associated chaperones control CD1 trafficking, and the development and activation of CD1-restricted T cells. 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. The human CD1 genes are all closely linked in a cluster mapping at chromosome 1q23.1

Molecular Weight: 43kDa

Gene ID: 911

UniProt: [P29017](#)

Application Details

Application Notes: Positive Control: Expressed on cortical thymocytes, on certain T-cell leukemias and in various other tissues.

Known Application: ELISA (For coating, order Ab without BSA), 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.

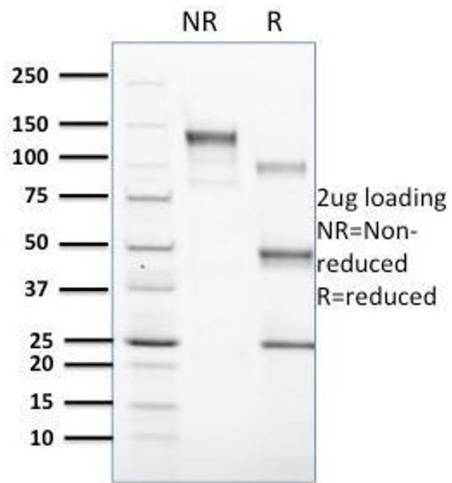
Preservative: Sodium azide

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.

Expiry Date: 24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified CD1c Mouse Monoclonal Antibody (CD1C/1603). Confirmation of Purity and Integrity of Antibody.