antibodies

Datasheet for ABIN6388036 CD1a Protein (CD1a) (AA 19-300) (His tag)



Image



Quantity:	50 µg
Target:	CD1a
Protein Characteristics:	AA 19-300
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD1a protein is labelled with His tag.
Application:	SDS-PAGE (SDS)
Product Details	

Target:	CD1a
Target Details	
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)
Purity:	> 85 % by SDS - PAGE
	ADGTWYLRAT LEVAAGEAAD LSCRVKHSSL EGQDIVLYWE HHSSVHHHHH H
	AHLQRQVKPE AWLSHGPSPG PGHLQLVCHV SGFYPKPVWV MWMRGEQEQQ GTQRGDILPS
	QGSDFVSFQN NSWLPYPVAG NMAKHFCKVL NQNQHENDIT HNLLSDTCPR FILGLLDAGK
	SNEEWKELET LFRIRTIRSF EGIRRYAHEL QFEYPFEIQV TGGCELHSGK VSGSFLQLAY
Sequence:	ADPDGLKEPL SFHVTWIASF YNHSWKQNLV SGWLSDLQTH TWDSNSSTIV FLCPWSRGNF

- 3		
Alternative Name:	CD1A (CD1a Products)	

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Target Details

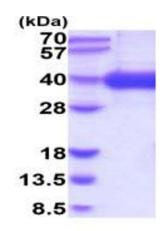
Background:	CD1A, also known as T-cell surface glycoprotein CD1a isoform 1, is the CD1 family of
	transmembrane glycoproteins. The CD1 proteins mediate the presentation of primarily lipid and
	glycolipid antigens of self or microbial origin to T cells. The CD1 family members are thought to
	differ in their cellular localization and specificity for particular lipid ligands. Also, it is structurally
	related to the major histocompatibility complex (MHC) proteins and form heterodimers with
	beta-2-microglobulin. Recombinant human CD1A, fused to His-tag at C-terminus, was
	expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	33.2kDa (291aa) 28-40kDa (SDS-PAGE under reducing conditions.)
NCBI Accession:	NP_001754
UniProt:	P06126
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Concentration:	0.5 mg/mL	
Buffer:	Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.	



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.

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