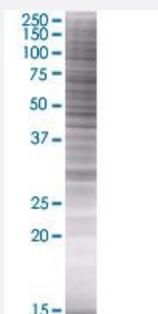


CD1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000910-T01

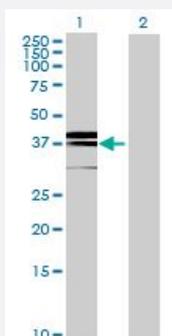
Size 100 uL

Applications



SDS-PAGE Gel

CD1B transfected lysate.



Western Blot

Lane 1: CD1B transfected lysate (36.9 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CD1B full-length

Host Human

Theoretical MW (kDa) 36.9

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CD1B antibody ([H00000910-B01](#)) by Western Blots.
 SDS-PAGE Gel
 CD1B transfected lysate.
 Western Blot
 Lane 1: CD1B transfected lysate (36.9 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CD1B

Entrez GeneID	910
GeneBank Accession#	NM_001764
Protein Accession#	NP_001755
Gene Name	CD1B
Gene Alias	CD1, CD1A, MGC125990, MGC125991, R1
Gene Description	CD1b molecule
Omim ID	188360
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail, and requires vesicular acidification to bind lipid antigens. [provided by RefSeq]
Other Designations	CD1B antigen CD1B antigen, b polypeptide OTTHUMP00000018908 T-cell surface glycoprotein CD1b cortical thymocyte antigen CD1B differentiation antigen CD1-alpha-3

Pathway

- [Hematopoietic cell lineage](#)

Disease

- [Lung Diseases](#)
- [Mycobacterium Infections](#)