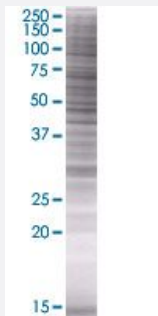


# CD1B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000910-T01

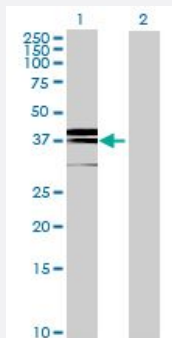
Size 100 uL

## 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.

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

## Applications

- Western Blot

## Gene Info — CD1B

<b>Entrez GeneID</b>	<a href="#">910</a>
<b>GeneBank Accession#</b>	<a href="#">NM_001764</a>
<b>Protein Accession#</b>	<a href="#">NP_001755</a>
<b>Gene Name</b>	CD1B
<b>Gene Alias</b>	CD1, CD1A, MGC125990, MGC125991, R1
<b>Gene Description</b>	CD1b molecule
<b>Omim ID</b>	<a href="#">188360</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

<b>Gene Summary</b>	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]
---------------------	---

<b>Other Designations</b>	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](#)