

For Research Use Only

# CD1b Recombinant monoclonal antibody

Catalog Number:86652-5-RR



## Basic Information

<b>Catalog Number:</b> 86652-5-RR	<b>GenBank Accession Number:</b> BC069481	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 910	<b>CloneNo.:</b> 251556G7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P29016	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> CD1b molecule	
	<b>Calculated MW:</b> 333 aa, 37 kDa	
	<b>Observed MW:</b> 43 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells,
<b>Species Specificity:</b> human	

## Background Information

CD1B is a ~45 kDa transmembrane glycoprotein that belongs to the MHC class I-like CD1 family. It associates non-covalently with  $\beta$ 2-microglobulin to form a functional antigen-presenting heterodimer.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

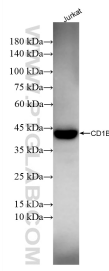
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 86652-5-RR (CD1B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.