

For Research Use Only

# CD1a Monoclonal antibody

Catalog Number: 60173-2-Ig



## Basic Information

<b>Catalog Number:</b> 60173-2-Ig	<b>GenBank Accession Number:</b> BC031645	<b>Purification Method:</b> Caprylic acid/ammonium sulfate precipitation
<b>Size:</b> N/A	<b>GeneID (NCBI):</b> 909	<b>CloneNo.:</b> 2C2B4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P06126	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> CD1a molecule	
<b>Immunogen Catalog Number:</b> AG11304	<b>Calculated MW:</b> 327 aa, 37 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human

## Background Information

CD1a is an antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells. During protein synthesis and maturation, CD1 family members bind endogenous lipids that are replaced by lipid or glycolipid antigens when the proteins are internalized and pass through endosomes, before trafficking back to the cell surface. CD1a is a 50kd glycoprotein. It has a HeteroDimer form with MW 65-70kd.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

---

## Selected Validation Data