

For Research Use Only

# Mouse CLEC10A/CD301 Recombinant antibody, PBS Only

Catalog Number: 85911-5-PBS



## Basic Information

<b>Catalog Number:</b> 85911-5-PBS	<b>GenBank Accession Number:</b> NM_010796.3	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 17312	<b>CloneNo.:</b> 242636A8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P49300	
<b>Isotype:</b> IgG	<b>Full Name:</b> macrophage galactose N-acetyl-galactosamine specific lectin 1	
<b>Immunogen Catalog Number:</b> EG2698	<b>Calculated MW:</b> 35 kDa	
	<b>Observed MW:</b> 40 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
mouse

## Background Information

C-type lectin domain family 10 member A (CLEC10A), also known as CD301, macrophage galactose-type C-type lectin (MGL), DC-asialoglyco protein receptor (DC-ASGP-R) or human macrophage lectin (HML), is a type II transmembrane glycoprotein having a calcium-dependent carbohydrate recognition domain (PMID: 8598452; 11919201; 11698450). CLEC10A is expressed exclusively by myeloid professional antigen-presenting cells such as immature dendritic cells (DCs) and alternatively activated macrophages (PMID: 16998493). CLEC10A is a marker for human CD1c+ DCs (cDC2) (PMID: 29755453). It functions as an endocytic receptor for glycosylated antigens (PMID: 11919201).

## Storage

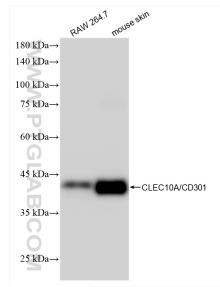
**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85911-5-RR (CLEC10A/CD301 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85911-5-PBS in a different storage buffer formulation.