

For Research Use Only

# CLEC10A/CD301 Recombinant antibody

Catalog Number: 85911-5-RR



## Basic Information

Catalog Number:	85911-5-RR	GenBank Accession Number:	NM_010796.3	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	17312	CloneNo.:	242636A8
Source:	Rabbit	UNIPROT ID:	P49300	Recommended Dilutions:	WB: 1:2000-1:10000
Isotype:	IgG	Full Name:	macrophage galactose N-acetyl-galactosamine specific lectin 1		
Immunogen Catalog Number:	EG2698	Calculated MW:	35 kDa		
		Observed MW:	40 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:	WB: RAW 264.7 cells, mouse skin tissue
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

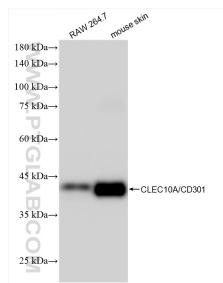
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com  
W: ptglab.com

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## 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.