

For Research Use Only

# Galectin-1 Recombinant antibody

Catalog Number: 85091-1-RR



## Basic Information

<b>Catalog Number:</b> 85091-1-RR	<b>GenBank Accession Number:</b> BC020675	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 ug/ml	<b>GeneID (NCBI):</b> 3956	<b>CloneNo.:</b> 242313B10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09382	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG	<b>Full Name:</b> lectin, galactoside-binding, soluble, 1	
<b>Immunogen Catalog Number:</b> AG2432	<b>Calculated MW:</b> 15 kDa	
	<b>Observed MW:</b> 15 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HL-60 cells, NIH/3T3 cells, THP-1 cells, HeLa cells, A549 cells
<b>Species Specificity:</b> human, mouse	

## Background Information

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for  $\beta$ -galactose-containing oligosaccharides (PMID: 8063692). Galectin-1 contains one carbohydrate recognition domain (CRD) and occurs as a monomer as well as a non-covalent homodimer (PMID: 16840800). It is differentially expressed by various normal and pathological tissues. Galectin-1 is a multifunctional protein that is involved in cell adhesion, migration, proliferation, apoptosis, inflammation, tumour transformation and growth (PMID:15785741).

## 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:

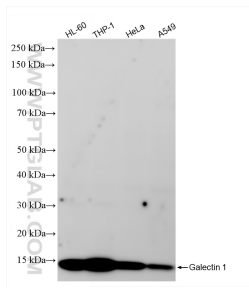
T: 4006900926

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

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

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85091-1-RR (Galectin 1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.