

For Research Use Only

# Galectin-1 Recombinant antibody, PBS Only

Catalog Number:85091-1-PBS



## Basic Information

<b>Catalog Number:</b> 85091-1-PBS	<b>GenBank Accession Number:</b> BC020675	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3956	<b>CloneNo.:</b> 242313B10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P09382	
<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

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
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  $-80^{\circ}\text{C}$ .

**Storage Buffer:**  
PBS Only

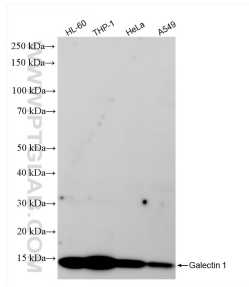
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 85091-1-PBS in a different storage buffer formulation.