

For Research Use Only

Galectin-1 Recombinant antibody

Catalog Number: 85091-1-RR



Basic Information

Catalog Number: 85091-1-RR	GenBank Accession Number: BC020675	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3956	CloneNo.: 242313B10
Source: Rabbit	UNIPROT ID: P09382	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: lectin, galactoside-binding, soluble, 1	
Immunogen Catalog Number: AG2432	Calculated MW: 15 kDa	
	Observed MW: 15 kDa	

Applications

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

Background Information

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β -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

*** 20ul sizes contain 0.1% BSA

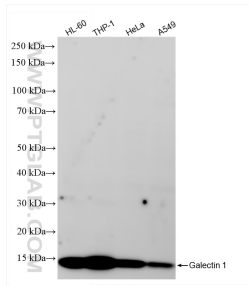
For technical support and original validation data for this product please contact:

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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.