

For Research Use Only

LGALS9/Galectin-9 Polyclonal antibody

Catalog Number: 30409-1-AP



Basic Information

Catalog Number: 30409-1-AP	GenBank Accession Number: BC110340	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 3965	Recommended Dilutions: WB: 1:1000-1:4000
Source: Rabbit	UNIPROT ID: O00182	
Isotype: IgG	Full Name: lectin, galactoside-binding, soluble, 9	
Immunogen Catalog Number: EG0084	Calculated MW: 323 aa, 36 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : THP-1 cells, U-937 cells
Species Specificity: human	

Background Information

The galectins, formerly known as S-type lectins, are a family of β -galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-9 (LGALS9) is a tandem repeat-type member of the galectin family. It has three isoforms (named galectin-9L, galectin-9M, and galectin-9S): long type of 355 amino acids, medium type of 323 amino acids, and short type of 311 amino acids. Galectin-9 is ubiquitously expressed in a variety of tissues, including lymph nodes and spleen, and overexpressed in Hodgkin disease tissue. It is involved in chemoattraction, apoptosis, and the regulation of cell differentiation and has anti-allergic effects. It has been reported that galectin-9 is a ligand for Tim-3, through which galectin-9 can induce T-helper type 1 lymphocyte (Th1) death.

Storage

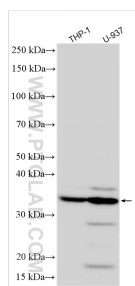
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30409-1-AP (LGALS9/Galectin-9 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.