

For Research Use Only

LGALS3BP Recombinant antibody

Catalog Number: 85883-5-RR



Basic Information

Catalog Number: 85883-5-RR	GenBank Accession Number: NM_005567	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3959	CloneNo.: 250138C5
Source: Rabbit	UNIPROT ID: Q08380	Recommended Dilutions: WB 1:1000-1:4000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: lectin, galactoside-binding, soluble, 3 binding protein	
Immunogen Catalog Number: EG3302	Calculated MW: 585 aa, 65 kDa	
	Observed MW: 97, 70 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : human plasma, human urine IF/ICC : HepG2 cells,

Background Information

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-3-binding protein (LGALS3BP, also known as 90K or Mac-2 BP) is a secreted glycoprotein which binds galectin-3, galectin-1, beta1 integrins, collagens and fibronectin (PMID: 8034587; 8024581; 11146440; 9501082). It has been implicated in tumor metastatic processes, as well as in other cell adhesion and immune functions. Levels of LGALS3BP have been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV) (PMID: 7698018). Western analysis suggests that LGALS3BP is found in breast milk, semen, saliva, urine, and tears, in addition to serum (PMID: 8390986).

Storage

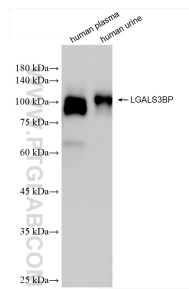
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

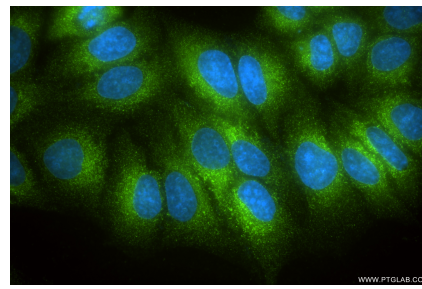
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85883-5-RR (LGALS3BP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using LGALS3BP antibody (85883-5-RR, Clone: 250138C5) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).