

For Research Use Only

# LGALS3BP Recombinant antibody, PBS Only

Catalog Number: 85883-5-PBS



## Basic Information

<b>Catalog Number:</b> 85883-5-PBS	<b>GenBank Accession Number:</b> NM_005567	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3959	<b>CloneNo.:</b> 250138C5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q08380	
<b>Isotype:</b> IgG	<b>Full Name:</b> lectin, galactoside-binding, soluble, 3 binding protein	
<b>Immunogen Catalog Number:</b> EG3302	<b>Calculated MW:</b> 585 aa, 65 kDa	
	<b>Observed MW:</b> 97, 70 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## 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

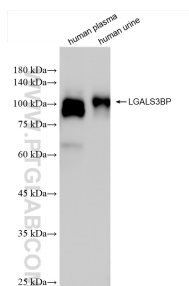
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

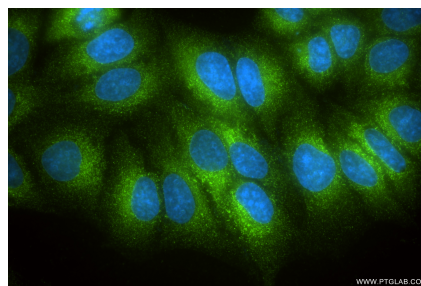
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85883-5-RR (LGALS3BP antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85883-5-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 85883-5-PBS in a different storage buffer formulation.