

À des fins de recherche uniquement

# Anticorps Monoclonal anti-LGALS3BP



Numéro de catalogue: 60066-1-Ig **3 Publications**

## Informations de base

<b>Numéro de catalogue:</b> 60066-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC002403	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 150ul , Concentration: 1900 µg/ml by Nanodrop and 1400 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3959	<b>CloneNo.:</b> 2D8E11
<b>Hôte:</b> Mouse	<b>Nom complet:</b> lectin, galactoside-binding, soluble, 3 binding protein	<b>Dilutions recommandées:</b> WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
<b>Isotype:</b> IgG2b	<b>MW calculé:</b> 585 aa, 65 kDa	<b>IHC 1:50-1:500</b> <b>IF 1:200-1:800</b>
<b>Immunogen Catalog Number:</b> AG0294	<b>MW observés:</b> 90 kDa	

## Applications

### Applications testées:

IF, IHC, IP, WB, ELISA

### Demandes citées:

WB

### Spécificité de l'espèce:

Humain

### Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : tissu sanguin humain,

IP : tissu plasmatique humain,

IHC : tissu de cancer du sein humain, tissu de cancer de la peau humain, tissu de cancer de l'œsophage humain

IF : cellules HepG2, cellules A431

## Informations générales

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). LGALS3BP has a predicted mass of 65 kDa. It is heavily glycosylated and shows an apparent molecular weight of 90 kDa on SDS-PAGE.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Chenyang Zhao	35895036	Invest Ophthalmol Vis Sci	WB
Yaojie Wang	36624553	Proteomics	WB
Gang Xu	31404116	PLoS Pathog	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

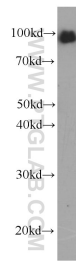
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

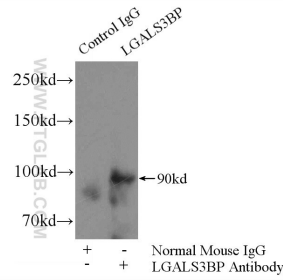
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

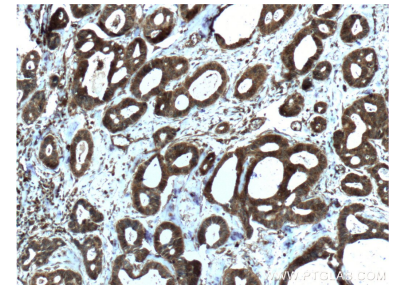
## Données de validation sélectionnées



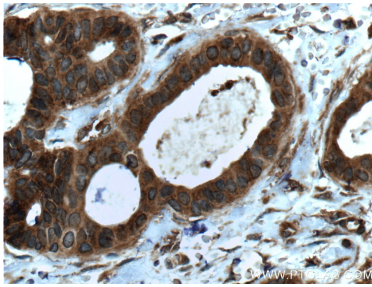
human blood were subjected to SDS PAGE followed by western blot with 60066-1-Ig (LGALS3BP Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



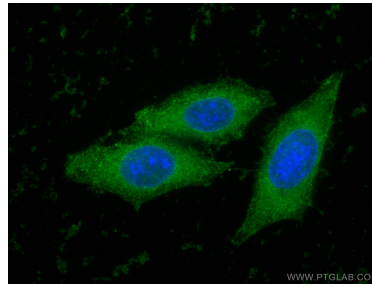
IP Result of anti-LGALS3BP (IP:60066-1-Ig, 5ug; Detection:60066-1-Ig 1:1000) with human plasma lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60066-1-Ig (LGALS3BP Antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60066-1-Ig (LGALS3BP Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using LGALS3BP antibody (60066-1-Ig, Clone: 2D8E11) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).