

For Research Use Only

# CoraLite®488-conjugated LGALS3BP Monoclonal antibody



Catalog Number:CL488-60066

## Basic Information

<b>Catalog Number:</b> CL488-60066	<b>GenBank Accession Number:</b> BC002403	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 3959	<b>CloneNo.:</b> 2D8E11
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q08380	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2b	<b>Full Name:</b> lectin, galactoside-binding, soluble, 3 binding protein	<b>Excitation/Emission maxima wavelengths:</b> 491 nm / 516 nm
<b>Immunogen Catalog Number:</b> AG0294	<b>Calculated MW:</b> 585 aa, 65 kDa	
	<b>Observed MW:</b> 90 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF : A431 cells,
<b>Species Specificity:</b> 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 ). LGALS3BP has a predicted mass of 65 kDa. It is heavily glycosylated and shows an apparent molecular weight of 90 kDa on SDS-PAGE.

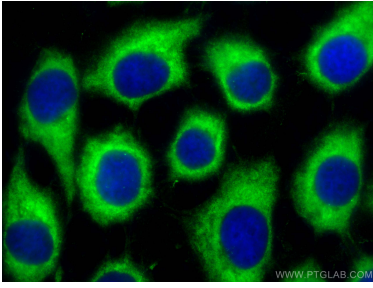
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using CoraLite®488 LGALS3BP antibody (CL488-60066, Clone: 2D8E11 ) at dilution of 1:200.