

For Research Use Only

CoraLite®488-conjugated LGALS3BP Monoclonal antibody

Catalog Number: CL488-60066



Basic Information

Catalog Number: CL488-60066	GenBank Accession Number: BC002403	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3959	CloneNo.: 2D8E11
Source: Mouse	UNIPROT ID: Q08380	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2b	Full Name: lectin, galactoside-binding, soluble, 3 binding protein	Excitation/Emission maxima wavelengths: 491 nm / 516 nm
Immunogen Catalog Number: AG0294	Calculated MW: 585 aa, 65 kDa	
	Observed MW: 90 kDa	

Applications

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

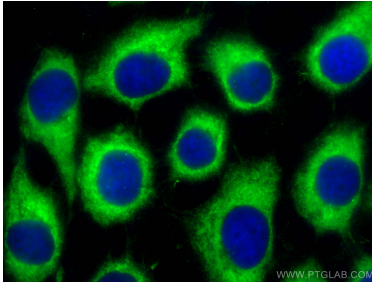
Storage

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: 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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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.