

Allgemeine Informationen

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| Katalog-Nr.: 60066-1-Ig | GenBank-Zugangsnummer: BC002403 | Reinigungsmethode: Protein-A-Reinigung |
| Größe: 150ul, Konzentration: 1900 µg/ml von 3959 Nanodrop und 1400 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 3959 | CloneNo.: 2D8E11 |
| Wirt: Maus | Vollständiger Name: lectin, galactoside-binding, soluble, binding protein | Empfohlene Verdünnungen: 3 WB 1:1000-1:4000 IP 0.5-4.0 µg für IP und 1:500-1:2000 für WB |
| Isotyp: IgG2b | Berechnete Masse: 585 aa, 65 kDa | IHC 1:50-1:500 IF 1:200-1:800 |
| Immunogen Katalognummer: AG0294 | Beobachtete Masse: 90 kDa | |

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

Positivkontrollen:

WB : humanes Blutgewebe,

IP : humanes Plasmagewebe,

IHC : humanes Mammakarzinomgewebe, humanes
Hautkrebsgewebe, humanes
Ösophaguskarzinomgewebe

IF : HepG2-Zellen, A431-Zellen

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|---------------|-----------|---------------------------|-----------|
| Chenyang Zhao | 35895036 | Invest Ophthalmol Vis Sci | WB |
| Yaojie Wang | 36624553 | Proteomics | WB |
| Gang Xu | 31404116 | PLoS Pathog | WB |

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

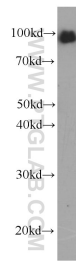
For technical support and original validation data for this product please contact:

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

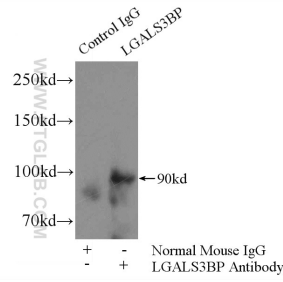
E: proteintech@ptglab.com
W: ptglab.com

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

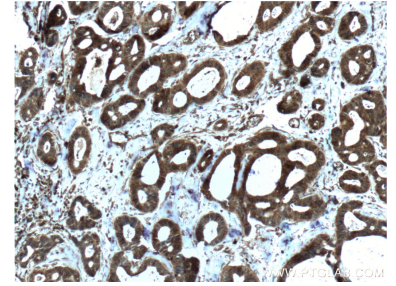
Ausgewählte Validierungsdaten



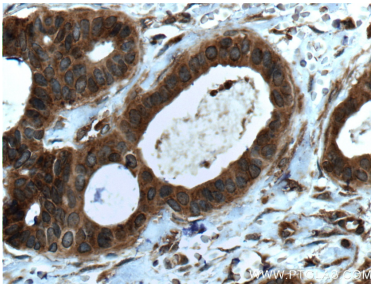
human blood were subjected to SDS PAGE followed by western blot with 60066-1-Ig (LGALS3BP Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



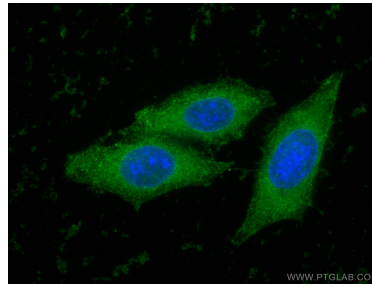
IP Result of anti-LGALS3BP (IP:60066-1-Ig, 5ug; Detection:60066-1-Ig 1:1000) with human plasma lysate 4000ug.



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).