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LGALS3BP Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP19780c

Specification

LGALS3BP Antibody (Center) - Product Information

Application	**IHC-P-Leica, WB,E**
Primary Accession	Q08380
Other Accession	NP_005558.1
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**383-412**

LGALS3BP Antibody (Center) - Additional Information

Gene ID 3959

Other Names
Galectin-3-binding protein, Basement membrane autoantigen p105, Lectin galactoside-binding soluble 3-binding protein, Mac-2-binding protein, MAC2BP, Mac-2 BP, Tumor-associated antigen 90K, LGALS3BP, M2BP

Target/Specificity
This LGALS3BP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 383-412 amino acids from the Central region of human LGALS3BP.

Dilution
IHC-P-Leica~~1:100
WB~~1:2000
E~~Use at an assay dependent concentration.

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
LGALS3BP Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

LGALS3BP Antibody (Center) - Protein Information

Name LGALS3BP

Synonyms M2BP

Function Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells.

Cellular Location
Secreted. Secreted, extracellular space, extracellular matrix

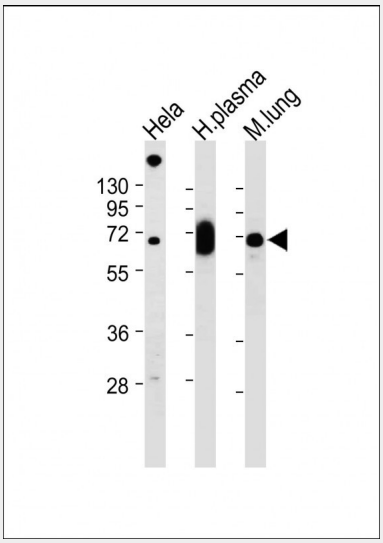
Tissue Location
Ubiquitous. Detected in body fluids such as semen, milk, serum, tears, saliva and urine. Expressed by keratinocytes and fibroblasts.

LGALS3BP Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LGALS3BP Antibody (Center) - Images



All lanes : Anti-LGALS3BP Antibody (Center) at 1:2000 dilution Lane 1: Hela whole cell lysate Lane 2: Human plasma lysate Lane 3: Mouse lung lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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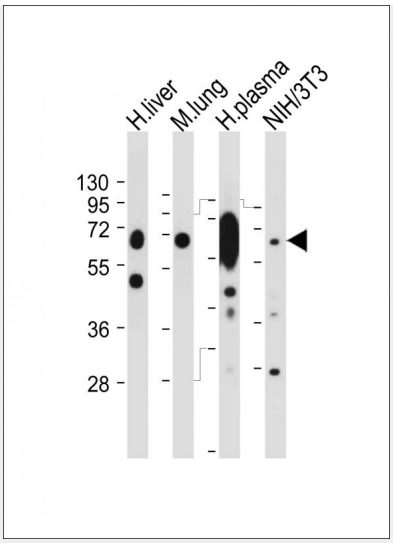
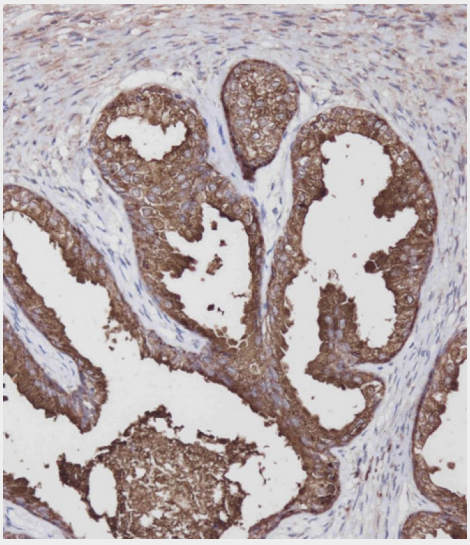


All lanes : Anti-LGALS3BP Antibody (Center) at 1:2000 dilution Lane 1: Human liver tissue lysate Lane 2: Mouse lung tissue lysate Lane 3: Human plasma tissue lysate Lane 4: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 65 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of AP19780C on paraffin-embedded Human prostate tissue was performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH9. 0). Samples were incubated with primary antibody(1:100) for 15min at room temperature. Leica Bond Polymer Refine Detection was used as the secondary antibody.

LGALS3BP Antibody (Center) - Background

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has

been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1.

LGALS3BP Antibody (Center) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Srirajaskanthan, R., et al. Mol. Cell Proteomics 9(4):656-666(2010)
Zambelli, D., et al. Int. J. Cancer 126(1):41-52(2010)
Lee, J.H., et al. Pathology 41(3):229-233(2009)
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