

LGALS3BP Rabbit pAb

Catalog No.: A6929 **1 Publications**

Basic Information

Observed MW

75kDa-110kDa

Calculated MW

65kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID

3959

Swiss Prot

Q08380

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 306-585 of human LGALS3BP (NP_005558.1).

Synonyms

90K; M2BP; gp90; CyCAP; BTBD17B; MAC-2-BP; TANGO10B; LGALS3BP

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

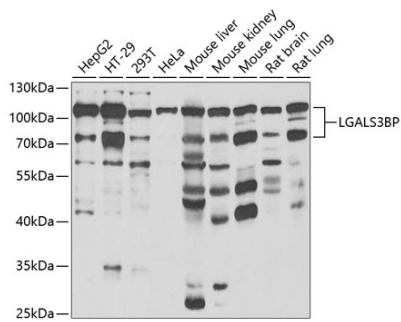
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using LGALS3BP antibody (A6929) at 1:1000 dilution.

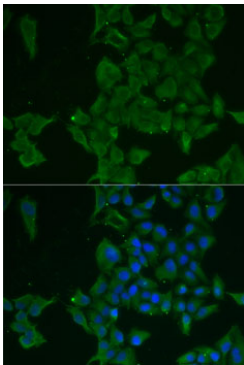
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.



Immunofluorescence analysis of MCF7 cells using LGALS3BP antibody (A6929). Blue: DAPI for nuclear staining.