Galectin 3 Polyclonal Antibody

catalog number: E-AB-40350

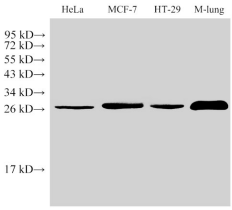
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse Galectin-3 protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

Applications	Recommended Dilution
WB	1:1000-1:2000
IHC	1:100-1:400

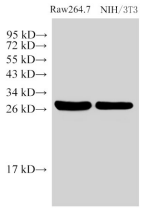
Data



Western Blot analysis of 1)Hela, 2)MCF-7, 3)HT-29, 4)Mouse Lung using LGALS3 Polycloanl Antibody at dilution of 1:1000

Observed-MW:27 kDa

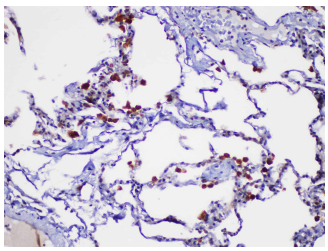
Calculated-MW:27 kDa



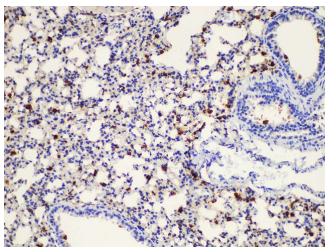
Western Blot analysis of 1)Raw264.7, 2)NIH/3T3 using LGALS3 Polycloanl Antibody at dilution of 1:1000

Observed-MW:27 kDa

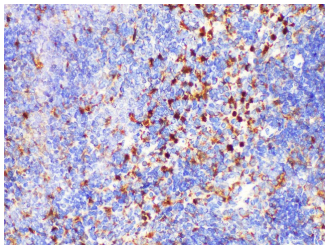
Calculated-MW:27 kDa



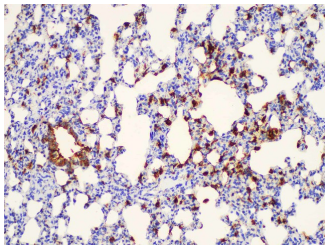
Immunohistochemistry of paraffin-embedded Human lung using LGALS3 Polycloanl Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Mouse lung using LGALS3 Polycloanl Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Mouse spleen using LGALS3 Polycloanl Antibody at dilution of 1:200



Immunohistochemistry of paraffin-embedded Rat lung using LGALS3 Polycloanl Antibody at dilution of 1:200

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β-galactose-containing oligosac-charides . Galectin-3 contains one carbohydrate recognition domain (CRD) and a proline- and glycine-rich N-terminal domain through which is able to form oligomers. Galectin-3 is widely expressed in many normal tissues and a variety of tumors. It is found intracellularly in nucleus and cytoplasm or secreted outside of cell, being present on the cell surface or in the extracellular space . Galectin-3 is involved in various biological processes including cell growth,adhesion,differentiation,apoptosis,angiogenesis,immune response,neoplastic transformation and metastasis .

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