

Product Datasheet

Anti-Galectin-3 Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL03166

Product Information

| | | |
|-----------------------|---|---------------|
| Product name | Anti-Galectin-3 Rabbit pAb | |
| Source | Rabbit | |
| Species reactivity | Human, Mouse, Rat, Rabbit | |
| Tested applications | WB | 1:1000-1:2000 |
| | IHC | 1:100-1:400 |
| Cellular localization | Cytoplasm. Nucleus. Secreted | |
| Pack size | 50/100/200/500/1000µl | |
| Storage | Store at -20°C. Avoid freeze/thaw cycles. | |
| Storage buffer | Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide | |

General Information

Background
Galectins are a family of soluble β -galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. The galectin-3 protein, also known as Mac-2, hMac-2, GALBP, CBP35 or LGALS3, contains a single carbohydrate binding domain, which binds galactose-containing glycoconjugates. Galectin-3 is expressed in colonic and intestinal epithelium, inflammatory macrophages, papillary and follicular carcinomas, neoplastic astrocytes and some B and T lymphocytes.

Immunogen
Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Galectin-3.

Purification
Polyclonal antibody was purified by Protein A affinity chromatography.

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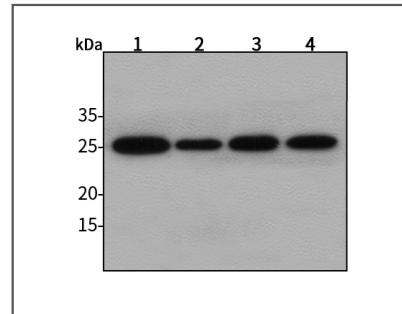
Anti-Galectin-3 Rabbit pAb



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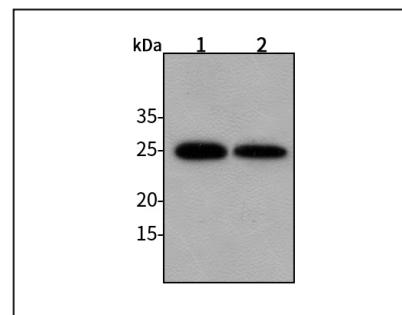
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Product Images



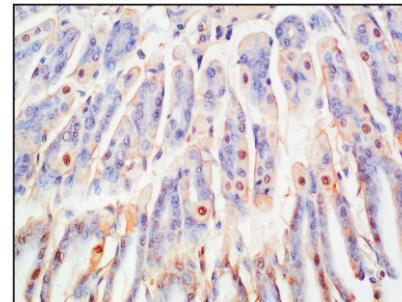
Western blot-Anti-Galectin-3 pAb

Lane 1: Human HepG2 cell lysate
Lane 2: Human Hela cell lysate
Lane 3: Human BGC-823 cell lysate
Lane 4: Human MGC-803 cell lysate
All lanes: Anti-Galectin-3 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 26 kDa
Observed band size: 26 kDa



Western blot-Anti-Galectin-3 pAb

Lane 1: Mouse heart tissue lysate
Lane 2: Mouse heart tissue lysate
All lanes: Anti-Galectin-3 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 26 kDa
Observed band size: 26 kDa



Immunohistochemistry-Anti-Galectin-3 pAb

Immunohistochemical analysis of paraffin-embedded mouse stomach using anti-Galectin-3 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

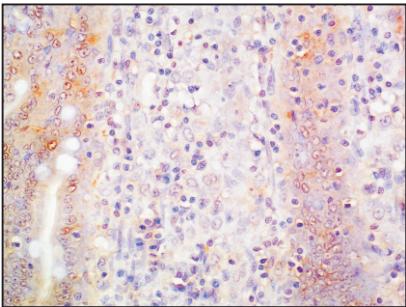
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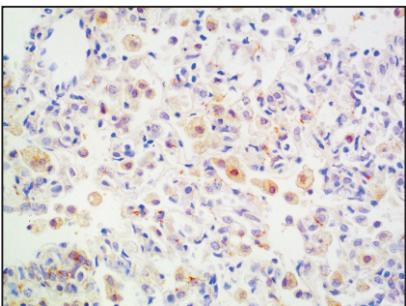
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Immunohistochemistry-Anti-Galectin-3 pAb

Immunohistochemical analysis of paraffin-embedded rat colon using anti-Galectin-3 Rabbit Antibody at 1:200 dilution.

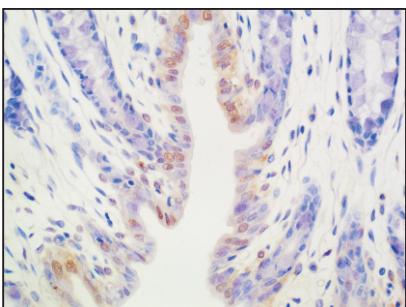
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunohistochemistry-Anti-Galectin-3 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-Galectin-3 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunohistochemistry-Anti-Galectin-3 pAb

Immunohistochemical analysis of paraffin-embedded rabbit colon using anti-Galectin-3 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.