

Galectin 3/LGALS3 Rabbit mAb

Catalog NO.: A28922 **Recombinant**

Basic Information

Observed MW

30 kDa

Calculated MW

26 kDa

Category

Monoclonal Antibodies

Applications

WB, IP, IHC-P, ELISA

Cross-Reactivity

Human, Mouse, Rat

Conjugation

Unconjugated

Clone number

ARC82453

Background

This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:2000 - 1:15000

IP

0.5 µg - 4 µg antibody for 200 µg - 400 µg extracts of whole cells

IHC-P 1:5000 - 1:20000

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions ($\geq 1:10000$), a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

Immunogen Information

Gene ID

3958

Swiss Prot

P17931

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

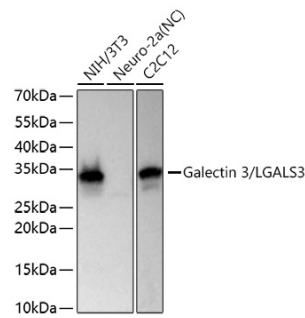
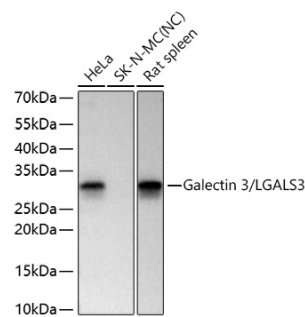
L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2

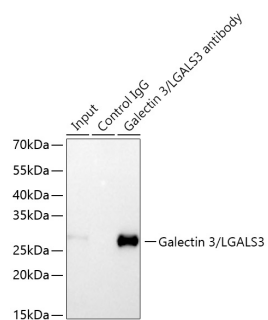
Product Information

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.		

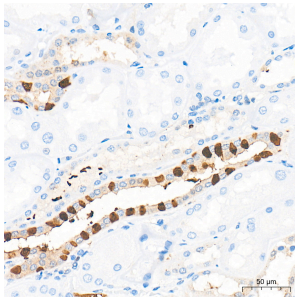
Validation Data



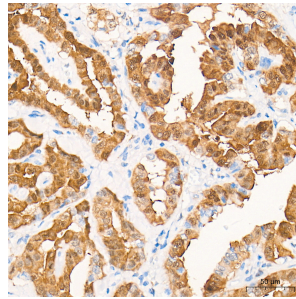


Immunoprecipitation of Galectin 3/LGALS3 from 300 µg extracts of HeLa cells was performed using 2 µg of Galectin 3/LGALS3 Rabbit mAb (A28922). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using Galectin 3/LGALS3 Rabbit mAb (A28922) at a dilution of 1:50000.

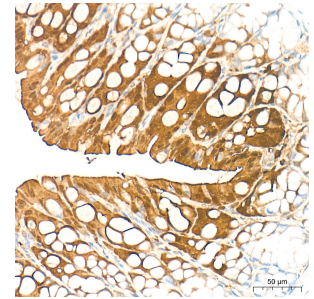
Validation Data



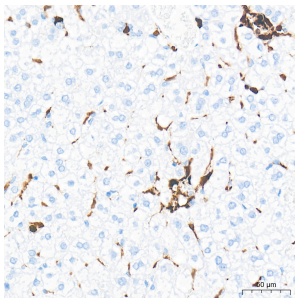
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using Galectin 3/LGALS3 Rabbit mAb (A28922) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



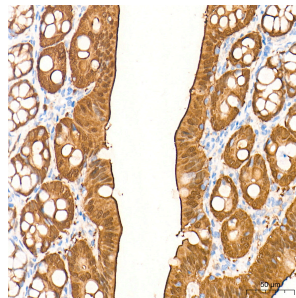
Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using Galectin 3/LGALS3 Rabbit mAb (A28922) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



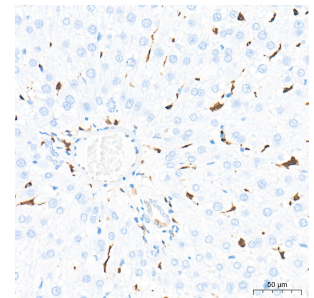
Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using Galectin 3/LGALS3 Rabbit mAb (A28922) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using Galectin 3/LGALS3 Rabbit mAb (A28922) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat intestine tissue using Galectin 3/LGALS3 Rabbit mAb (A28922) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using Galectin 3/LGALS3 Rabbit mAb (A28922) at a dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

