

Rabbit anti-Human Galectin 3/LGALS3 Monoclonal Antibody | anti-LGALS3 antibody

Galectin 3/LGALS3 Rabbit mAb

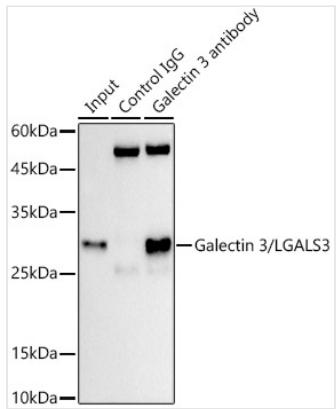
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28450	Rabbit	Human	Western Blot, Immunohistochemistry, Immunoprecipitation, ELISA

PRODUCT SYNONYMS

Galectin 3/LGALS3; Monoclonal Antibody; Galectin 3/LGALS3 Rabbit mAb; L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2; anti-LGALS3 antibody

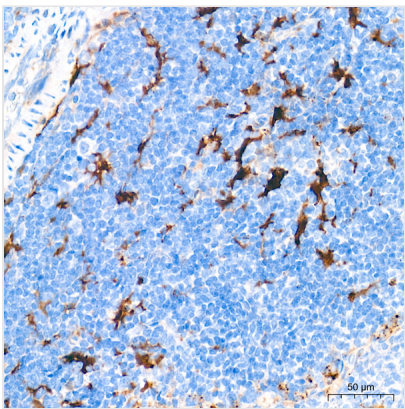
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MADNFS L HDA LSGSGNPNPQ GWPGAWGNQP AGAGGYPGAS YPGAYPGQAP PGAYPGQAPP GAYPGAPGAY PGAPAPGVYP GPPSGPGAYP SSGQPSATGA
Applicable Applications for anti-LGALS3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA
Application Notes	WB: 1:1000-1:6000 IHC-P: 1:200-1:800 IP: 0.5ug-4ug antibody for 200ug-400ug extracts of whole cells ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Galectin 3/LGALS3 (P17931).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



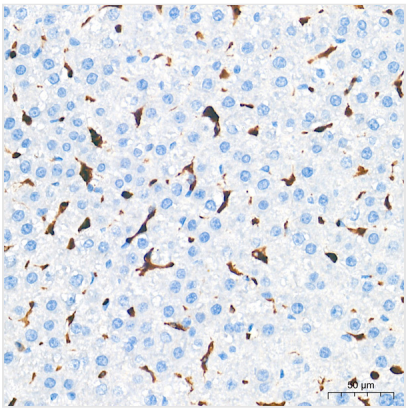
IP (Immunoprecipitation)

Immunoprecipitation analysis of 300 ug extracts of HT-29 cells using 3 ug Galectin 3/LGALS3 antibody (AAA28450). Western blot was performed from the immunoprecipitate using Galectin 3/LGALS3 antibody (AAA28450) at a dilution of 1:1000.



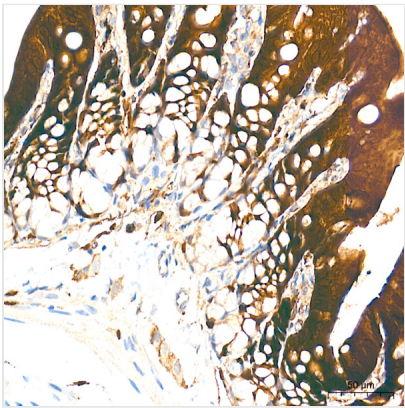
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using Galectin 3/LGALS3 Rabbit mAb (AAA28450) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



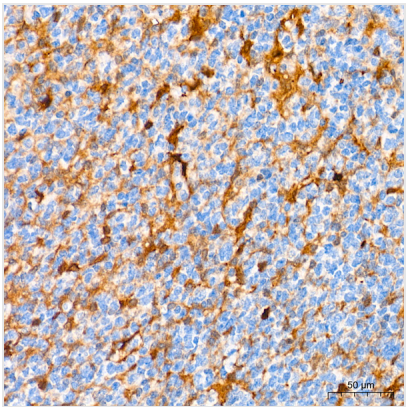
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using Galectin 3/LGALS3 Rabbit mAb (AAA28450) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



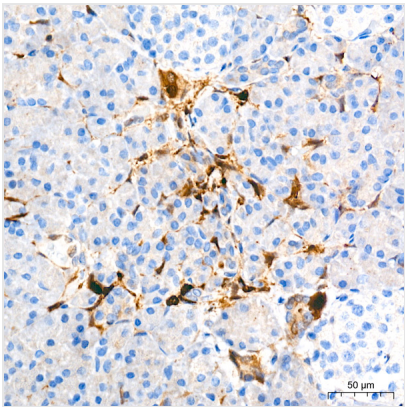
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat colon tissue using Galectin 3/LGALS3 Rabbit mAb (AAA28450) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using Galectin 3/LGALS3 Rabbit mAb (AAA28450) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Galectin 3/LGALS3 Rabbit mAb (AAA28450) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	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.
Product Categories/Family for anti-LGALS3 antibody	Epigenetics Nuclear Signaling; RNA Binding; Cell Biology Developmental Biology; Cell Cycle; Cell differentiation; Cell Adhesion; Neuroscience; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	115430223
NCBI GeneID	3958
NCBI Accession #	NP_002297.2
NCBI GenBank Nucleotide #	NM_002306.3
UniProt Accession #	P17931; Q16005; Q6IBA7; Q96J47; B2RC38
Molecular Weight	Calculated MW: 26kDa Observed MW: 28kDa
UniProt Protein Name	Galectin-3
UniProt Gene Name	LGALS3
UniProt Synonym Gene Names	MAC2; Gal-3; CBP 35; GALBP
UniProt Entry Name	LEG3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/galectin-3-Igals3-antibody-western-blot-immunohistochemistry-immunoprecipitation-elisa/28450>