

Datasheet for ABIN6745755

anti-Galectin 3 antibody (AA 38-87)



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2 Images

Overview

Quantity:	100 µL
Target:	Galectin 3 (LGALS3)
Binding Specificity:	AA 38-87
Reactivity:	Human, Mouse, Pig, Bat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galectin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa38-87 of human LGALS3 (P17931, NP_002297). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Galago, Mouse, Bat, Pig, Platypus (100%), Monkey, Marmoset, Rat, Elephant, Dog, Bovine, Rabbit, Horse (92%), Hamster, Guinea pig (91%), Slime mold (85%), Opossum (84%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human LGALS3 / Galectin-3
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Pig (100%) Dog, Bovine (92%) Guinea pig

Product Details

(91%).

Purification: Immunoaffinity purified

Target Details

Target: Galectin 3 (LGALS3)

Alternative Name: MAC-2 / Galectin 3 ([LGALS3 Products](#))

Target Type: Chemical

Background: Name/Gene ID: LGALS3

Synonyms: LGALS3, 35 kd lectin, 35 kDa lectin, CBP35, GAL3, Galactoside-binding protein, GALIG, IgE-binding protein, Laminin-binding protein, Gal-3, GALBP, MAC-2, Mac-2 antigen, L31, MAC2, CBP 35, Galactose-specific lectin 3, Galectin-3, L-31, Lectin L-29

Gene ID: 3958

NCBI Accession: [NP_002297](#)

UniProt: [P17931](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB

Usage: ELISA titer using peptide based assay: 1:312500. Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1:50000 - 100000 as second antibody.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

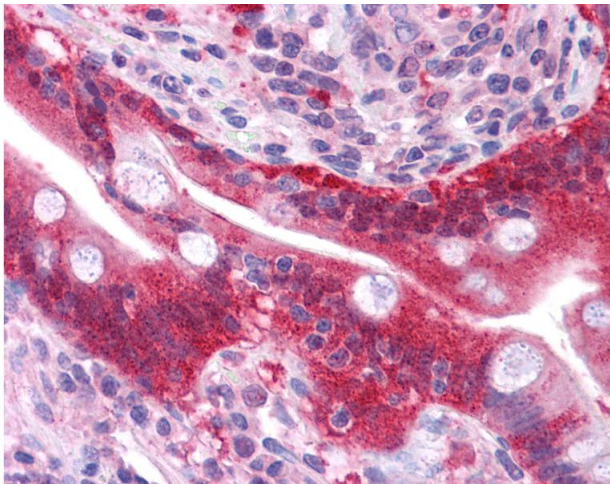
Reconstitution: Distilled Water.

Concentration: Lot specific

Handling

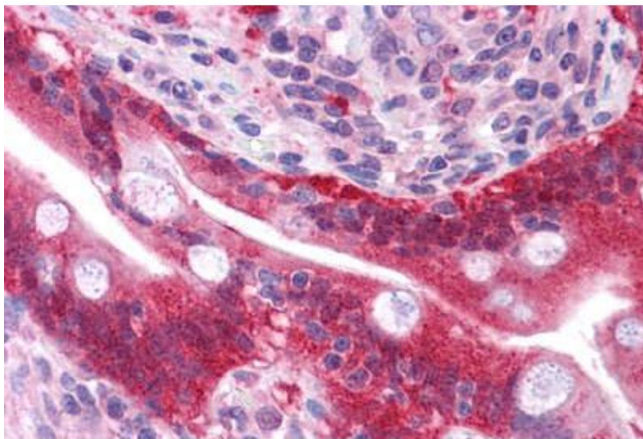
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-Galectin-3 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this prod ...



Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections)

Image 2. Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)