



#### Galectin-3

Rabbit Monoclonal antibody(Mab) **Catalog # AD80187** 

# **Specification**

### Galectin-3 - Product info

**Application** IHC-P **Primary Accession** P17931 Reactivity Human Host Rabbit Clonality **Monoclonal** Calculated MW 26152

#### Galectin-3 - Additional info

Gene ID 3958 Gene Name LGALS3

**Other Names** 

Galectin-3, Gal-3, 35 kDa lectin, Carbohydrate-binding protein 35, CBP 35, Galactose-specific lectin 3, Galactoside-binding protein, GALBP, IgE-binding protein, L-31, Laminin-binding protein, Lectin L-29, Mac-2 antigen, LGALS3 (<a

href="http://www.genenames.org/cgi-bin/gene symbol report?hgnc id=6563" target=" blank">HGNC:6563</a>), MAC2

**Dilution** 

IHC-P~~Ready-to-use

**Storage** 

Maintain refrigerated at 2-8°C

Precautions Galectin-3 Antibody is for research use

only and not for use in diagnostic or

therapeutic procedures.

## **Galectin-3 - Protein Information**

Name LGALS3 (HGNC:6563)

**Synonyms** MAC<sub>2</sub> **Function** 

Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with

DMBT1, required for terminal

differentiation of columnar epithelial cells during early embryogenesis (By similarity). In the nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation



Cellular Location

Tissue Location

and adhesion, chemoattraction of monocytes macrophages, opsonization of apoptotic neutrophils, and activation of mast cells. Together with TRIM16, coordinates the recognition of membrane damage with mobilization of the core autophagy regulators ATG16L1 and BECN1 in response to damaged endomembranes. Cytoplasm. Nucleus. Secreted. Note=Secreted by a non-classical secretory pathway and associates with the cell surface

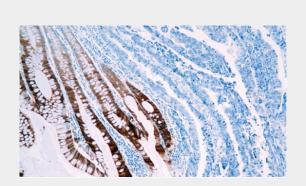
A major expression is found in the colonic epithelium. It is also abundant in the activated macrophages Expressed in fetal membranes.

## **Galectin-3 - Protocols**

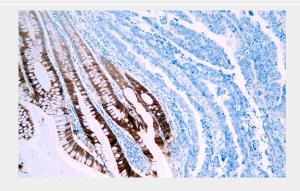
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **Galectin-3 - Images**



#### Colon cancer







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Immunohistochemical analysis of paraffin-embedded colorectal carcinoma; tissue using AD80187 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems[Abcepta:AR005] was used as the secondary antibody.