

Galectin-3 Monoclonal Antibody(2F9) Catalog # AP63711

Specification

Galectin-3 Monoclonal Antibody(2F9) - Product Information

Application	IHC
Primary Accession	P17931
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Galectin-3 Monoclonal Antibody(2F9) - Additional Information

Gene ID 3958

Other Names

LGALS3; MAC2; 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

Dilution

IHC~~IHC 1:100-200

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage Conditions

-20°C

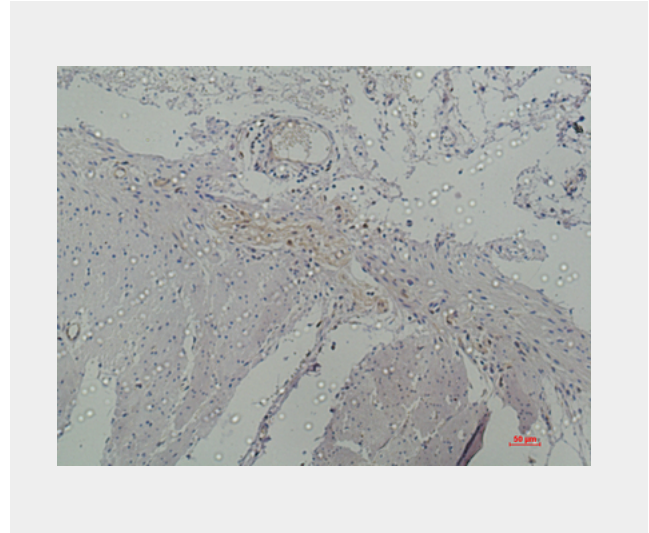
Galectin-3 Monoclonal Antibody(2F9) - Protein Information

Name LGALS3 ([HGNC:6563](#))

Synonyms MAC2

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



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Cellular Location

Cytoplasm. Nucleus. Secreted.
Note=Secreted by a non- classical secretory pathway and associates with the cell surface. Can be secreted; the secretion is dependent on protein unfolding and facilitated by the cargo receptor TMED10; it results in protein translocation from the cytoplasm into the ERGIC (endoplasmic reticulum- Golgi intermediate compartment) followed by vesicle entry and secretion (PubMed:32272059).

Tissue Location

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

Galectin-3 Monoclonal Antibody(2F9) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)