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LGALS3 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16039

Specification

LGALS3 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	P17931
Other Accession	NP_002297
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**27kDa KDa**

LGALS3 Antibody - N-terminal region - Additional Information

Gene ID 3958

Alias Symbol	**LGALS3, MAC2,**

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, MAC2

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 &mu, l of distilled water. Final Anti-LGALS3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
LGALS3 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LGALS3 Antibody - N-terminal region - 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 nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation 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.

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).

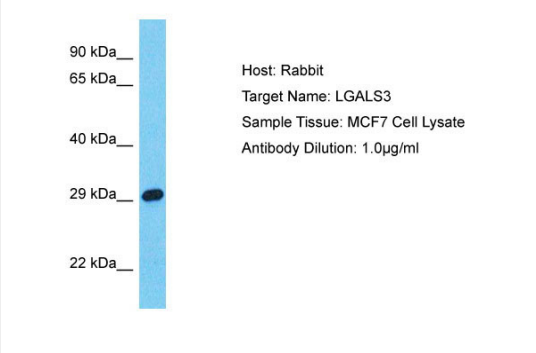
Tissue Location
A major expression is found in the colonic epithelium. It is also abundant in the activated macrophages. Expressed in fetal membranes.

LGALS3 Antibody - N-terminal region - 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

LGALS3 Antibody - N-terminal region - Images



Host: Rabbit
Target Name: LGALS3
Sample Tissue: MCF7 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

LGALS3 Antibody - N-terminal region - Background

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LGALS3 Antibody - N-terminal region - References

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