

Mouse Lgals3 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19314c**Specification**

Mouse Lgals3 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [P16110](#)**Mouse Lgals3 Antibody (Center) Blocking Peptide - Additional Information****Other Names**

Galectin-3, Gal-3, 35 kDa lectin, Carbohydrate-binding protein 35, CBP 35, Galactose-specific lectin 3, IgE-binding protein, L-34 galactoside-binding lectin, Laminin-binding protein, Lectin L-29, Mac-2 antigen, Lgals3

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Lgals3 Antibody (Center) Blocking Peptide - Protein Information**Name** Lgals3**Function**

Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration (PubMed:15181153). Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis. 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 (By similarity). When secreted, interacts with NK cell-activating receptor NCR3/NKp30 acting as an inhibitory ligand which antagonizes NK cell attack (By similarity).

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:P17931}. Nucleus {ECO:0000250|UniProtKB:P17931}. Secreted {ECO:0000250|UniProtKB:P17931}. 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. {ECO:0000250|UniProtKB:P17931}

Tissue Location

The highest levels are found in activated macrophages

Mouse Lgals3 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Lgals3 Antibody (Center) Blocking Peptide - Images**Mouse Lgals3 Antibody (Center) Blocking Peptide - Background**

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