

## Mouse anti-Human Galectin-3 Monoclonal Antibody | anti-LGALS3 antibody

Galectin-3 Monoclonal Antibody (6G2)

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                           |
|-----------|-------|------------|--------------------------------------------------------|
| AAA293510 | Mouse | Human      | Immunofluorescence, Immunohistochemistry, Western Blot |

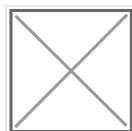
### PRODUCT SYNONYMS

Galectin-3; Monoclonal Antibody; Galectin-3 Monoclonal Antibody (6G2); LGALS3; MAC2; 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; anti-LGALS3 antibody

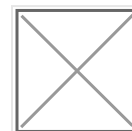
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                       |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Mouse                                                                                                                                                 |
| Reactivity                                       | Human                                                                                                                                                 |
| Clonality                                        | Monoclonal                                                                                                                                            |
| Clone Number                                     | 6G2                                                                                                                                                   |
| Applicable Applications for anti-LGALS3 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)                                                                                |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

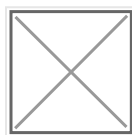
### IMAGES


**IHC (Immunohistochemistry)**

Dilution: WB: 1:2000 IHC: 1:200 IF: 1:100-200


**WB (Western Blot)**

Dilution: WB: 1:2000 IHC: 1:200 IF: 1:100-200 Western blot analysis of Hela, diluted at 1:3000.


**WB (Western Blot)**

Dilution: WB: 1:2000 IHC: 1:200 IF: 1:100-200 Immunofluorescence analysis of Human-lung-cancer tissue. 1. Galectin-3 Monoclonal Antibody (6G2) (red) was diluted at 1:200 (4 degree C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3. Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

### ADDITIONAL INFORMATION

#### Related Product Information for anti-LGALS3 antibody

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.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 115430223                                                                                                                                                         |
| NCBI GeneID                      | 3958                                                                                                                                                              |
| NCBI Accession #                 | NP_002297.2                                                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_002306.3                                                                                                                                                       |
| UniProt Accession #              | P17931; Q16005; Q6IBA7; Q96J47; B2RC38                                                                                                                            |
| Molecular Weight                 | 26,152 Da                                                                                                                                                         |
| NCBI Official Full Name          | galectin-3 isoform 1                                                                                                                                              |
| NCBI Official Synonym Full Names | lectin, galactoside-binding, soluble, 3                                                                                                                           |
| NCBI Official Symbol             | LGALS3                                                                                                                                                            |
| NCBI Official Synonym Symbols    | L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2                                                                                                                      |
| NCBI Protein Information         | galectin-3; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35 |
| UniProt Protein Name             | Galectin-3                                                                                                                                                        |
| UniProt Gene Name                | <b>LGALS3</b>                                                                                                                                                     |
| UniProt Synonym Gene Names       | MAC2; Gal-3; CBP 35; GALBP                                                                                                                                        |
| UniProt Entry Name               | LEG3_HUMAN                                                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/galectin-3-antibody-clone-6g2-immunofluorescence-immunohistochemistry-western-blot-elisa/293510>