

Rabbit anti-Human Galectin 3 Monoclonal Antibody | anti-LGALS3 antibody

Recombinant Galectin 3 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA178849	Rabbit	Human	Immunohistochemistry, Western Blot

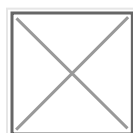
PRODUCT SYNONYMS

Galectin 3; Monoclonal Antibody; Recombinant Galectin 3 Monoclonal Antibody; 35 kDa lectin; Carbohydrate binding protein 35; Carbohydrate-binding protein 35; CBP 35; CBP35; Gal-3; GAL3; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; Galectin 3 internal gene; included; Galectin-3; Galectin3; GALIG; GBP; IgE binding protein; IgE-binding protein; L 31; L 34; L-31; L-34 galactoside-binding lectin; L31; Laminin-binding protein; Lectin L-29; Lectin; galactose binding; soluble 3; LEG3; LGALS2; LGALS3; MAC 2 antigen; Mac-2; Mac-2 antigen; MAC2; Macrophage galactose-specific lectin; MGC105387; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

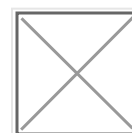
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	R01-5E1
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Concentration	300ug/mL (varies by lot)
Applicable Applications for anti-LGALS3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human Galectin 3
Research Area	Cancer, Cell Biology, Neuroscience
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of Galectin 3 in paraffin-embedded Human colon cancer tissue using Galectin 3 Rabbit mAb at dilution 1:100



WB (Western Blot)

Western blot detection of Galectin 3 in Hela cell lysates using Galectin 3 Rabbit mAb(1:1000 diluted). Predicted band size:26kDa.Observed band size:28kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for beta-galactose-containing oligosac-charides. Galectin-3 contains one carbohydrate recognition domain (CRD) and a proline- and glycine-rich N-terminal domain through which is able to form oligomers. Galectin-3 is widely expressed in many normal tissues and a variety of tumors. It is found intracellularly in nucleus and cytoplasm or secreted outside of cell,being present on the cell surface or in the extracellular space. Galectin-3 is involved in various biological processes including cell growth,adhesion,differentiation,apoptosis,angiogenesis,immune response,neoplastic transformation and metastasis.
Product Categories/Family for anti-LGALS3 antibody	Antibodies ; Primary Antibodies ; Recombinant Antibody

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	LGALS3
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/galectin-3-antibody-clone-r01-5e1-immunohistochemistry-western-blot-elisa/178849>