

Rabbit anti-Human, Mouse Galectin-3 Polyclonal Antibody | anti-LGALS3 antibody

Galectin-3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179724	Rabbit	Human, Mouse	ELISA, Immunofluorescence, Immunohistochemistry

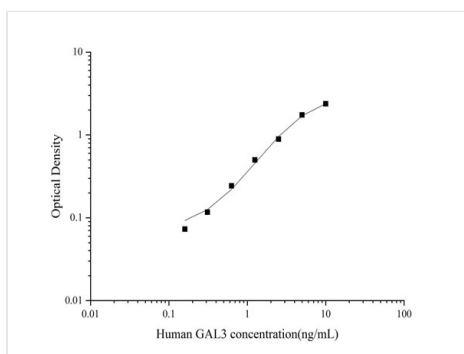
PRODUCT SYNONYMS

Galectin-3; Polyclonal Antibody; Galectin-3 Polyclonal Antibody; GAL3; GaL-3; GaLectin-3; 35 kDa Lectin; Carbohydrate-binding protein 35 (CBP 35); GaLactose-specific Lectin 3; GaLactoside-binding protein (GALBP); IgE-binding protein; LGALS3; MAC2; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

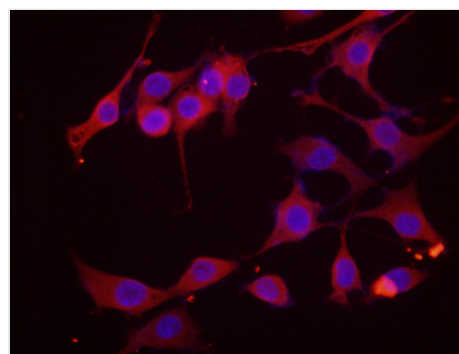
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-LGALS3 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant Human Galectin-3 protein expressed by E coli
Preparation and Storage	Store at 4 degree C valid for 12 months or -20 degree C valid for long term storage, avoid freeze/thaw cycles.

IMAGES



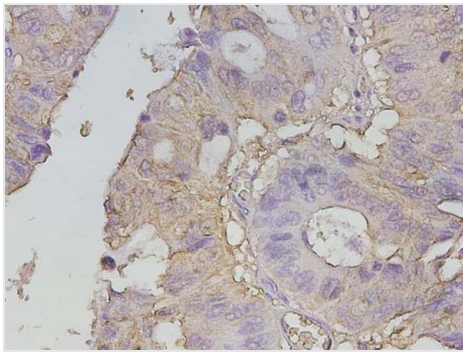
ELISA

Sandwich ELISA-Recombinant Human Galectin-3 protein standard curve. Background subtracted standard curve using Galectin-3 antibody(AAA179724)(Capture), Galectin-3 antibody(AAA179724)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Galectin-3 protein is 0.15625-10 ng/mL.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using Galectin-3 Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)
 Immunohistochemistry of paraffin-embedded Human colon cancer using Galectin-3 Polyclonal
 Antibody at dilution of 1:1250

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. 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.
Product Categories/Family for anti-LGALS3 antibody	Polyclonal Antibodies ; Primary Antibodies ; Polyclonal Antibodies ; Neuroscience ; Cell Biology

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.

