

Mouse Galectin 3 Monoclonal Antibody | anti-LGALS3 antibody

Galectin 3 Mouse Monoclonal Antibody

CATALOG # AAA330081	HOST Mouse	REACTIVITY Human, Mouse, Rat Prediction: Pig, Horse, Rabbit, Dog	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Galectin 3; Monoclonal Antibody; Galectin 3 Mouse 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_HUMAN; LGALS2; LGALS3; MAC 2 antigen; Mac-2; Mac-2 antigen; MAC2; Macrophage galactose-specific lectin; MGC105387; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

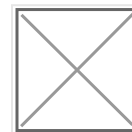
Host	Mouse
Reactivity	Human, Mouse, Rat Prediction: Pig, Horse, Rabbit, Dog
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Galectin 3 Antibody detects endogenous levels of total Galectin 3.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MADNFSLHDA LSGSGNPNPQ GWPGAWGNQP AGAGGYPGAS YPGAYPGQAP PGAYPGQAPP GAYPGAPGAY PGAPAPGVYP GPPSGPGAYP SSGQPSATGA YPATGPYGAP AGPLIVPYNL PLPGGVVPRM LITILGTVKP NANRIALDFQ RGNDVAFHN PRFNENRRRV IVCNTKLDNN WGREERQSVF PFESGKPFKI QVLVEPDHFK VAVNDAHLLQ YNHRVKKLNE ISKLGISGDI DLTSASYTMI
Applicable Applications for anti-LGALS3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Galectin 3, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Expression	A major expression is found in the colonic epithelium. It is also abundant in the activated macrophages. Expressed in fetal membranes.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA330081 at 1/100 staining human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



WB (Western Blot)

Western Blot analysis of extracts from various samples, using Galectin 3 Mouse Monoclonal Antibody. Lane 1: Hela cells treated with blocking-peptides, Lane 2: Hela cells, Lane 3: Rat lung tissue, Lane 4: 3T3-L1P6 cells.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	galectin-3 galactose-specific lectin which binds IgE. Expressed at a high level in the colonic epithelium. Also abundant in activated macrophages.
Product Categories/Family for anti-LGALS3 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	3958
UniProt Accession #	P17931
Molecular Weight	27kD; 26kD(Calculated)

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-immunohistochemistry-western-blot-elisa/330081>