

Mouse anti-Human LGALS3 Monoclonal Antibody | anti-LGALS3 antibody

LGALS3 Antibody (C-term)

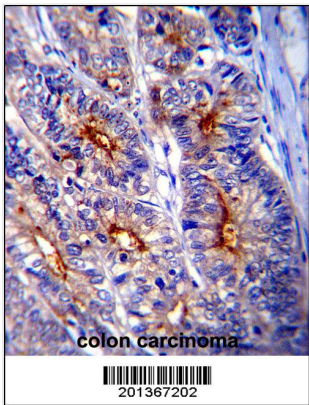
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283575	Mouse	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

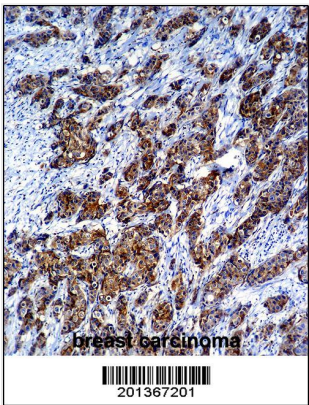
LGALS3; Monoclonal Antibody; LGALS3 Antibody (C-term); Galectin-3; Gal-3; 35 kDa lectin; Carbohydrate-binding protein 35; CBP 35; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; IgE-binding protein; L-31; Laminin-binding protein; Lectin L-29; Mac-2 antigen; MAC2; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

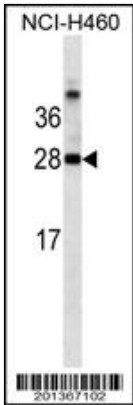
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	320CT4.5.2
Specificity	This LGALS3 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 163-191 amino acids from the C-terminal region of human LGALS3.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	163-191
Sequence Length	250
Applicable Applications for anti-LGALS3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemisry)
LGALS3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LGALS3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



IHC (Immunohiostchemistry)
LGALS3 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LGALS3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
LGALS3 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the LGALS3 antibody detected the LGALS3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. Alternate splicing results in multiple transcript variants.
Product Categories/Family for anti-LGALS3 antibody	Cell biology; Neuroscience
References	Salomonsson, E., et al. J. Biol. Chem. 285(45):35079-35091(2010) Debierre-Grockiego, F., et al. J. Biol. Chem. 285(43):32744-32750(2010) Zhou, J.Y., et al. J. Proteome Res. 9(10):5133-5141(2010) Markowska, A.I., et al. J. Exp. Med. 207(9):1981-1993(2010) Mazurek, N., et al. J. Biol. Chem. 275(46):36311-36315(2000)

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	26152
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
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/lgals3-antibody-clone-320ct4-5-2-immunohistochemistry-western-blot-elisa/283575>