

Mouse LGALS3/Galectin 3 Monoclonal Antibody | anti-LGALS3 antibody

Anti-LGALS3/Galectin 3 Antibody (clone 52C1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162280	Mouse	Human Predicted: Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

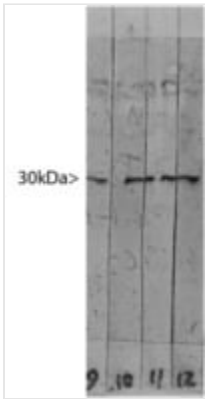
PRODUCT SYNONYMS

LGALS3/Galectin 3; Monoclonal Antibody; Anti-LGALS3/Galectin 3 Antibody (clone 52C1); Mouse Monoclonal [clone A3A12] (IgG1) to Human LGALS3/Galectin 3; LGALS3; 35 kd lectin; 35 kDa lectin; CBP35; GAL3; Galactoside-binding protein; GALIG; IgE-binding protein; Laminin-binding protein; Gal-3; GALBP; MAC-2; Mac-2 antigen; L31; MAC2; CBP 35; Galactose-specific lectin 3; Galectin-3; L-31; Lectin L-29; anti-LGALS3 antibody

PRODUCT SPECIFICATIONS

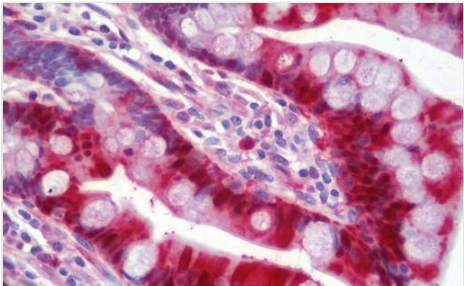
Host	Mouse
Reactivity	Human Predicted: Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	52C1
Specificity	Clone 5C21 is known to react with Galectin-3 from human, mouse and rat. Since Galectin-3 is highly conserved, it is likely that the antibody is effective on other species also.
Purity/Purification	Affinity Purified
Form/Format	PBS, 10 mM sodium azide.
Sequence Length	250
Applicable Applications for anti-LGALS3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Immunogen	Full length recombinant Galectin-3 expressed in and purified from E. coli.
Conjugation	Unconjugated
Preparation and Storage	Short term storage: 4 degree C Long term storage: aliquot and store at -20 degree C, avoid freeze thaw cycles. Store undiluted.

IMAGES

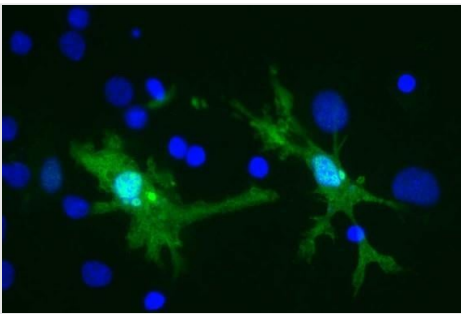


WB (Western Blot)

Blots of crude HeLa cell extract stained with a panel of monoclonal antibodies to Galectin-3. Lane 12 was probed with revealing a band at the expected molecular weight of 30kDa.



IHC (Immunohistochemistry)
Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



ICC (Immunocytochemistry)
Rat brain neural cultures stained with (green) and DNA (blue). Staining can be seen in several types of glia and lymphocytic cells, including these cells which have the morphology of microglia. Surrounding cells reveal no Galectin-3 staining.

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS3 antibody	LGALS3/Galectin 3 is a member of the galectin family of carbohydratebinding proteins. Members of this protein family have an affinity forbeta-galactosides. the encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydraterecognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands.
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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	galectin 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

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-galectin-3-antibody-clone-52c1-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/162280>