Mouse anti-Rat Galectin 1 (GAL1) Monoclonal Antibody | anti-GAL1 antibody

Monoclonal Antibody to Galectin 1 (GAL1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152767	**Mouse**	**Rat**	**Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Galectin 1 (GAL1); Monoclonal Antibody; Monoclonal Antibody to Galectin 1 (GAL1); Galectin 1; LGALS1; GBP; HLBP14; Galaptin; Lectin; Galactoside-Binding Soluble 1; 14 kDa laminin-binding protein; Lactose-binding lectin 1; Putative MAPK-activating protein PM12; S-Lac lectin; anti-GAL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C5
Specificity	The antibody is a mouse monoclonal antibody raised against GAL1. It has been selected for its ability to recognize GAL1 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Met1~Glu135
Applicable Applications for anti-GAL1 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Galectin 1 (GAL1)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES

IHC (Immunohiostchemistry)
DAB staining on IHC-P;Sample: Rat Cardiac Muscle Tissue; Primary Ab: 20ug/ml Mouse Anti-Rat GAL1 AntibodySecond Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Rat Kidney Tissue; Primary Ab: 20ug/ml Mouse Anti-Rat GAL1 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-GAL1 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	9845261
NCBI GeneID	56646
NCBI Accession #	NP_063969.1
NCBI GenBank Nucleotide #	NM_019904.1
UniProt Accession #	P11762
Molecular Weight	14,857 Da
NCBI Official Full Name	galectin-1
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 1
NCBI Official Symbol	Lgals1
NCBI Protein Information	galectin-1
UniProt Protein Name	Galectin-1
UniProt Gene Name	**Lgals1**
UniProt Synonym Gene Names	Gal-1
UniProt Entry Name	LEG1_RAT

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-1-gal1-antibody-clone-c5-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152767