

Mouse Galectin 7 (GAL7) Monoclonal Antibody | anti-GAL7 antibody

Monoclonal Antibody to Galectin 7 (GAL7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152780	Mouse	Human, Rat, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

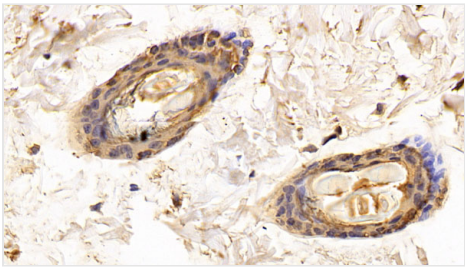
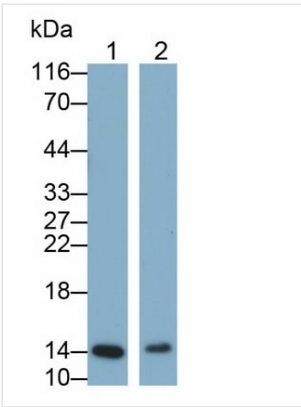
PRODUCT SYNONYMS

Galectin 7 (GAL7); Monoclonal Antibody; Monoclonal Antibody to Galectin 7 (GAL7); Galectin 7; LGALS7; PIG1; TP53I1; HKL-14; Lectin Galactoside-Binding Soluble 7; p53-induced gene 1 protein; anti-GAL7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	E4
Specificity	The antibody is a mouse monoclonal antibody raised against GAL7. It has been selected for its ability to recognize GAL7 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~Phe136
Applicable Applications for anti-GAL7 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Galectin 7 (GAL7)
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 (Immunohistochemistry)
DAB staining on IHC-P; Sample: Rat Skin Tissue; Primary Ab: 30ug/ml Mouse Anti-human GAL7 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Lane1: Porcine Skin lysate; Lane2: Porcine Esophagus Primary Ab: 0.2ug/ml Mouse Anti-human GAL7 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-GAL7 antibody Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	109948279
NCBI GeneID	653499
NCBI Accession #	NP_001035972.1
NCBI GenBank Nucleotide #	NM_001042507.3
UniProt Accession #	P47929; Q6IB87
Molecular Weight	15,075 Da
NCBI Official Full Name	galectin-7
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 7B
NCBI Official Symbol	LGALS7B
NCBI Official Synonym Symbols	PI7; GAL7; Gal-7; HKL-14; LGALS7
NCBI Protein Information	galectin-7; galectin 7B; galectin-7B; p53-induced protein 1; keratinocyte lectin 14; p53-induced gene 1 protein; lectin galactoside-binding soluble 7
UniProt Protein Name	Galectin-7
UniProt Gene Name	LGALS7
UniProt Synonym Gene Names	PIG1; Gal-7
UniProt Entry Name	LEG7_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.