

Mouse anti-Human Galactosidase Alpha (GLa) Monoclonal Antibody | anti-GLa antibody

Monoclonal Antibody to Galactosidase Alpha (GLa)

CATALOG # AAA152852	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Galactosidase Alpha (GLa); Monoclonal Antibody; Monoclonal Antibody to Galactosidase Alpha (GLa); Galactosidase Alpha; GALA; GL-A; Alpha-D-Galactoside Galactohydrolase; Alpha-D-Galactosidase A; Melibiase; Agalsidase; anti-GLa antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a Kappa, IgG2bKappa
Clone Number	C13
Specificity	The antibody is a mouse monoclonal antibody raised against GLa. It has been selected for its ability to recognize GLa 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	Trp81~Leu429
Applicable Applications for anti-GLa antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Galactosidase Alpha (GLa)
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



WB (Western Blot)

Western Blot; Sample: Lane1: human Urine; Lane2: 293T cell lysate
Primary Ab: 3ug/ml Mouse Anti-human GLa Antibody
Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

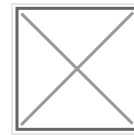


IHC (Immunohistochemisry)

DAB staining on IHC-P; Sample: human CerebuM Tissue; Primary Ab: 10ug/ml Mouse Anti-human GLa Antibody
Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Sample: human Kidney Tissue; Primary Ab: 10ug/ml Mouse Anti-human GLA Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Sample: human Liver Tissue; Primary Ab: 10ug/ml Mouse Anti-human GLA Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-GLA antibody

[Monoclonal Antibodies \(Primary Abs\)](#); [Monoclonal antibodies](#); [Enzyme & Kinase](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504009
NCBI GeneID	2717
NCBI Accession #	NP_000160.1
NCBI GenBank Nucleotide #	NM_000169.2
UniProt Accession #	P06280 ; Q6LER7
Molecular Weight	48,767 Da
NCBI Official Full Name	alpha-galactosidase A
NCBI Official Synonym Full Names	galactosidase, alpha
NCBI Official Symbol	GLA
NCBI Official Synonym Symbols	GALA
NCBI Protein Information	alpha-galactosidase A; melibiase; alpha-gal A; agalsidase alfa; alpha-D-galactosidase A; alpha-D-galactoside galactohydrolase 1
UniProt Protein Name	Alpha-galactosidase A
UniProt Gene Name	GLA
UniProt Entry Name	AGAL_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/galactosidase-alpha-gla-antibody-clone-c13-immunohistochemistry-western-blot-elisa/152852>