

Mouse anti-Human GYS1 Antibody | anti-GYS1 antibody

GYS1 Antibody

CATALOG # AAA108842	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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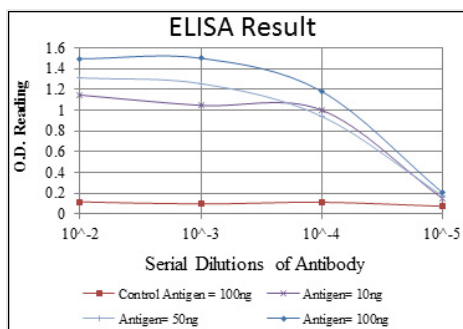
PRODUCT SYNONYMS

GYS1; GYS1 Antibody; GSY; GYS; anti-GYS1 antibody

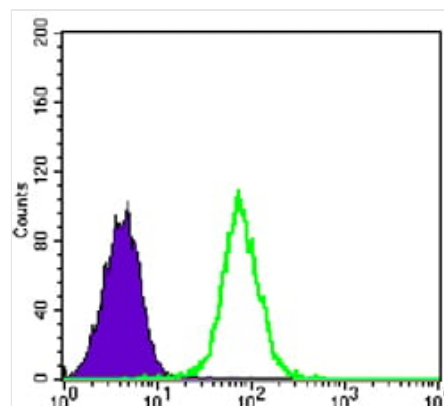
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	3A7
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	673
Applicable Applications for anti-GYS1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human GYS1 expressed in E. Coli.

IMAGES

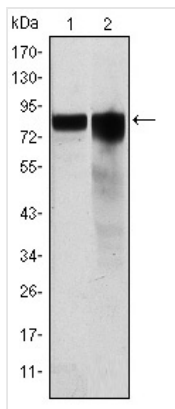


Application Data



FCM/FACS (Flow Cytometry)

Figure 2: Flow cytometric analysis of K562 cells using GYS1 mouse mAb (green) and negative control (purple).



WB (Western Blot)

Figure 1: Western blot analysis using GYS1 mouse mAb against Hela (1) and HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GYS1 antibody	Glycogen synthase, skeletal muscle, the rate limiting enzyme of the insulin-induced glycogenesis. The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1, 4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Muscle GS is expressed in several tissues.
Product Categories/Family for anti-GYS1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	239049591
NCBI GeneID	2997
NCBI Accession #	NP_001155059.1
NCBI GenBank Nucleotide #	NM_001161587.1
UniProt Accession #	P13807; Q9BTT9
Molecular Weight	85kDa
NCBI Official Full Name	glycogen
NCBI Official Synonym Full Names	glycogen synthase 1
NCBI Official Symbol	GYS1
NCBI Official Synonym Symbols	GSY; GYS
NCBI Protein Information	glycogen [starch] synthase, muscle
UniProt Protein Name	Glycogen [starch] synthase, muscle
UniProt Gene Name	GYS1
UniProt Synonym Gene Names	GYS

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/mouse-human-antibody/gys1/108842>