

Mouse anti-Human Glycogen Synthase 1 Monoclonal Antibody | anti-GYS1 antibody

Glycogen Synthase 1 Monoclonal Antibody

CATALOG # AAA320090	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Flow Cytometry, Functional Assay, Western Blot
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PRODUCT SYNONYMS

Glycogen Synthase 1; Monoclonal Antibody; Glycogen Synthase 1 Monoclonal Antibody; Glycogen [starch] synthase muscle; GYS1; GYS; Glycogen [starch] synthase; muscle; anti-GYS1 antibody

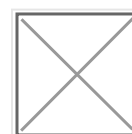
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	Glycogen Synthase 1 Monoclonal Antibody detects endogenous levels of Glycogen Synthase 1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-GYS1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human Glycogen Synthase 1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

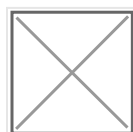


Application Data



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of K562 cells using Glycogen Synthase 1 Monoclonal Antibody (green) and negative control (purple).



WB (Western Blot)

Western Blot analysis using Glycogen Synthase 1 Monoclonal Antibody against HeLa (1) and HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-GYS1 antibody

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]

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	83,786 Da
NCBI Official Full Name	glycogen
NCBI Official Synonym Full Names	glycogen synthase 1 (muscle)
NCBI Official Symbol	GYS1
NCBI Official Synonym Symbols	GSY; GYS
NCBI Protein Information	glycogen [starch] synthase, muscle; glycogen [starch] synthase, muscle
UniProt Protein Name	Glycogen [starch] synthase, muscle
UniProt Gene Name	GYS1
UniProt Synonym Gene Names	GYS
UniProt Entry Name	GYS1_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/glycogen-synthase-1-antibody-flow-cytometry-western-blot-elisa/320090>