
Product Name: GYS1 Mouse Monoclonal Antibody**Catalog #: AMM80943**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	85kDa

Antigen Information

Gene Name	GYS1
Alternative Names	GSY; GYS; GYS1
Gene ID	2997.0
SwissProt ID	P13807
Immunogen	Purified recombinant fragment of human GYS1 expressed in E. Coli.

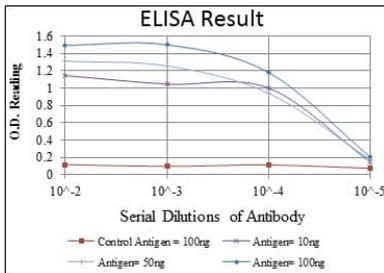
Background

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

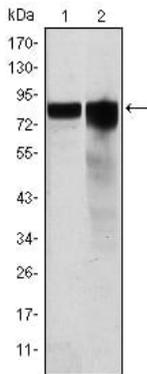
several tissues.

Research Area

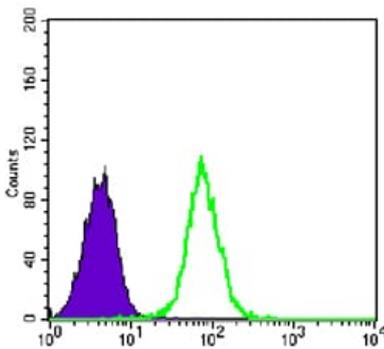
Image Data



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



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



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