

Anti-Glycogen synthase 1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 1257

Aliases

GYS1; Glycogen Synthase 1; GSY; GYS; Glycogen [Starch] Synthase, Muscle; Glycogen Synthase 1 (Muscle); EC 2.4.1.11

Background

Gene Name: GYS1

NCBI Gene Entry: [2997](#)

UniProt Entry: [P13807](#)

Application Information

Molecular Weight: Predicted, 84 kDa; observed, 84 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB2765

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Glycogen synthase

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:4,000-1:20,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

Note: This product is for research use only.

Validation Data

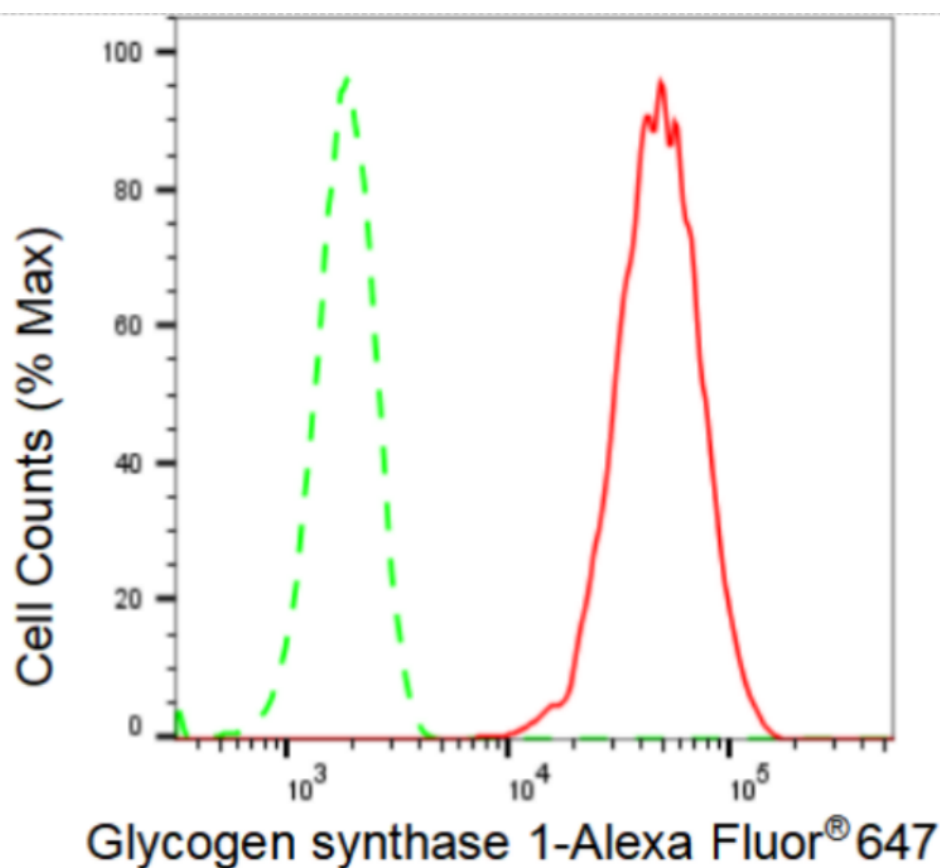
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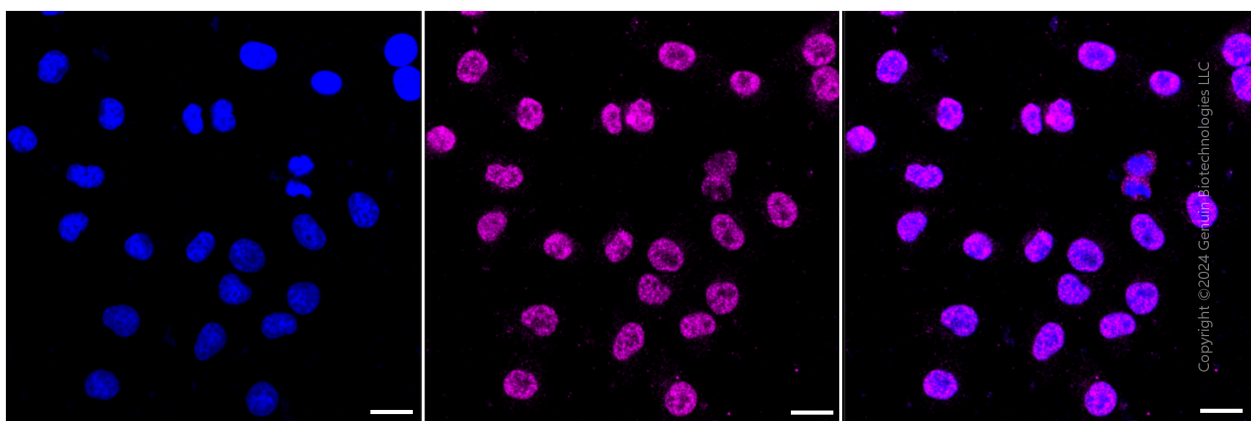
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Flow cytometric analysis of Glycogen synthase 1 expression in HepG2 cells using Glycogen synthase 1 antibody (Cat#1257, 1:2,000). Green, isotype control; red, Glycogen synthase 1.



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Immunocytochemical staining of HepG2 cells with Glycogen synthase 1 antibody (Cat#1257, 1:1,000). Nuclei were stained blue with DAPI; Glycogen synthase 1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.

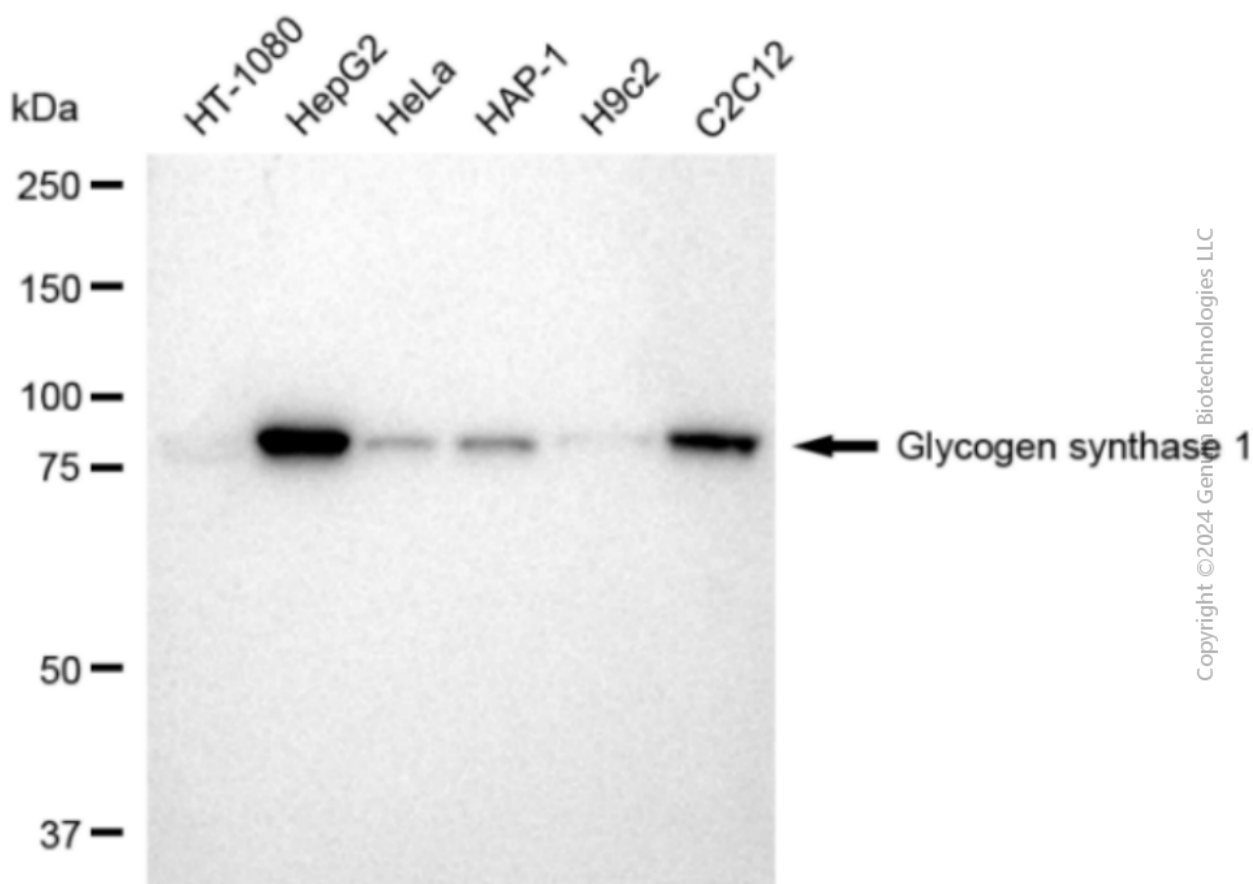
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Western blotting analysis using anti-Glycogen synthase 1 antibody (Cat#1257). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Glycogen synthase 1 antibody (Cat#1257, 1:20,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).