Anti-Glycerol Kinase Recombinant Rabbit Monoclonal Antibody

Catalog #: 2885

Aliases

GK; Glycerol Kinase; GK1; GKD; ATP:Glycerol 3-Phosphotransferase; Glycerokinase; EC 2.7.1.30

Background

Gene Name: GK
NCBI Gene Entry: 2710
UniProt Entry: P32189

Application Information

Molecular Weight: Predicted, 61 kDa; observed, 50 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB3000
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Glycerol kinase

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): 1:1,000-1:5,000
Immunocytochemistry (IC): 1:100-1:1,000
Flow Cytometry (FCM): 1:2,000

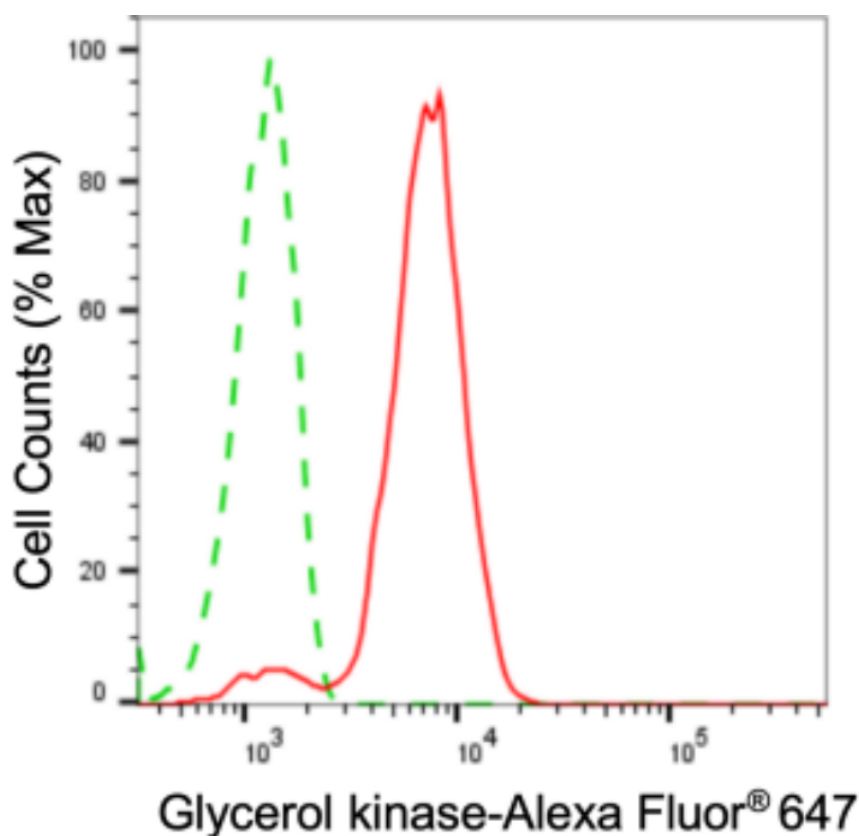**Note:** This product is for research use only.

Validation Data

SUPPORT
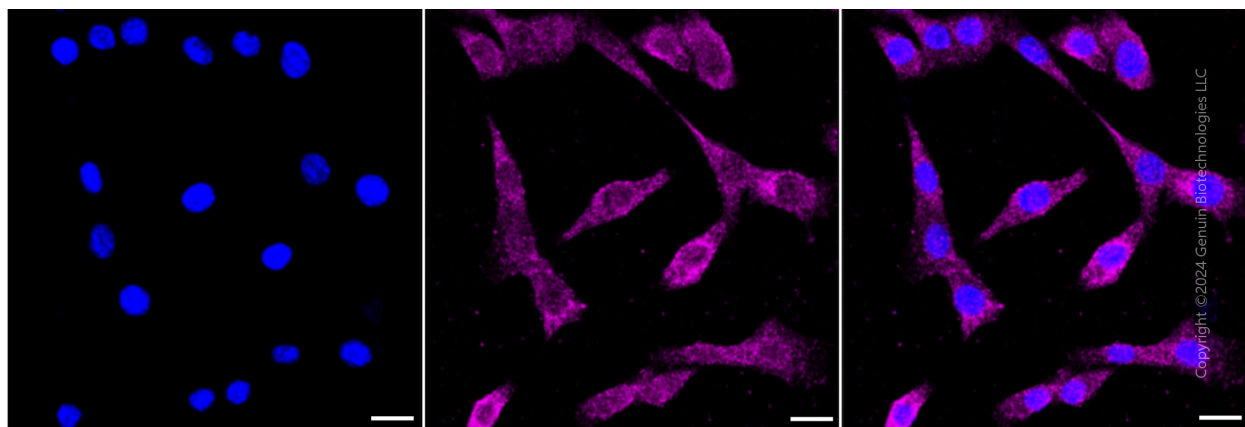SUPPORT@GENUINBIOTECH.COM
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Flow cytometric analysis of Glycerol kinase expression in C2C12 cells using anti-Glycerol kinase antibody (Cat#2885, 1:2,000). Green, isotype control; red, Glycerol kinase.

Immunocytochemical staining of C2C12 cells with anti-Glycerol kinase antibody (Cat#2885, 1:1,000) . Nuclei were stained blue with DAPI; Glycerol kinase 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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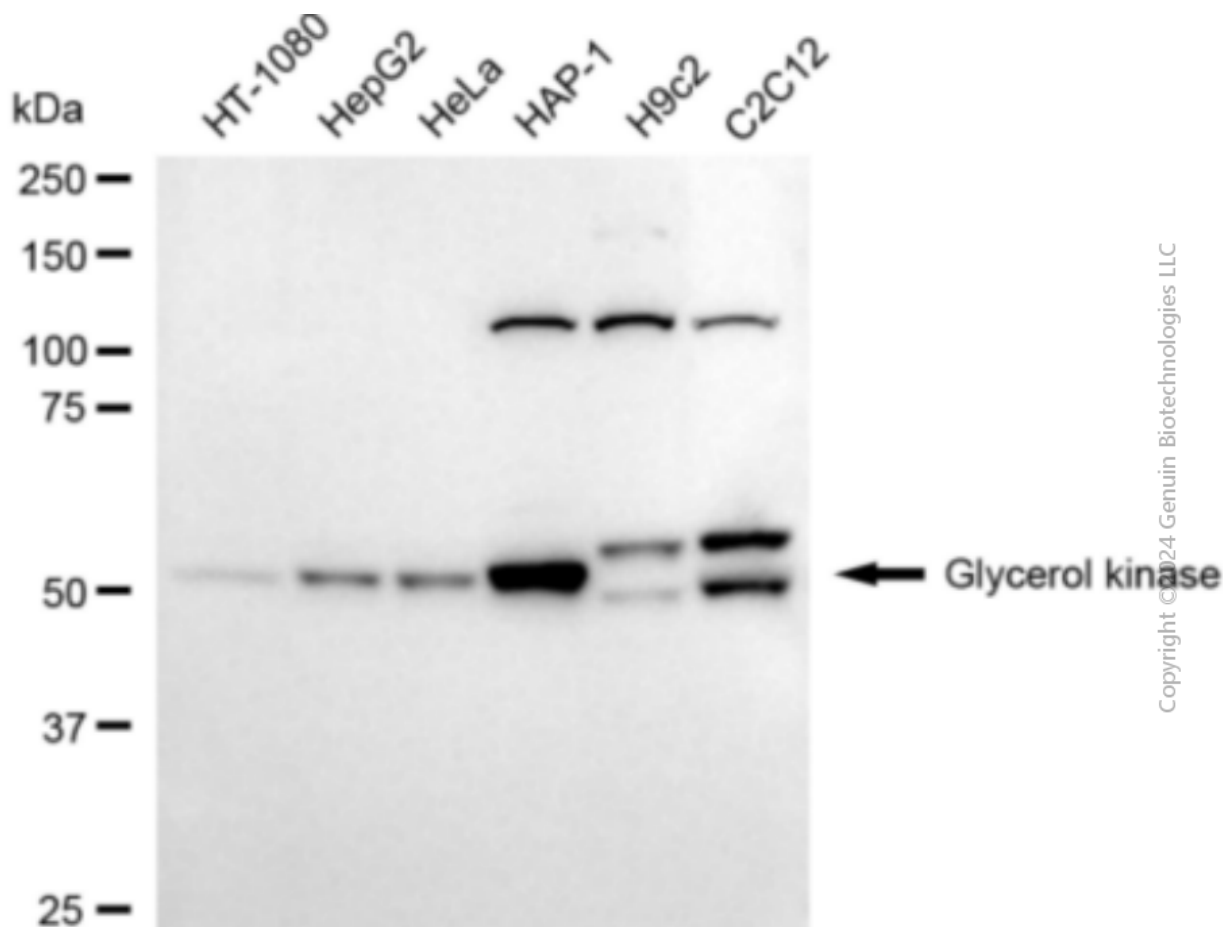
Western blotting analysis using anti-glycerol kinase antibody (Cat#2885). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-glycerol kinase antibody (Cat#2885, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).