Anti-Glucokinase Recombinant Rabbit Monoclonal Antibody

Catalog #: 2069

Aliases

GCK; Glucokinase; HK4; Glucokinase (Hexokinase 4); Hexokinase Type IV; Hexokinase-4; MODY2; HK IV; Maturity Onset Diabetes Of The Young 2; ATP:D-Hexose 6-Phosphotransferase; Hexokinase D, Pancreatic Isozyme; Hexokinase 4; Hexokinase-D; EC 2.7.1.1; EC 2.7.1; FGQTL3; PNDM1; HHF3; HKIV; HXKP; LGLK; GLK; GK

Background

Gene Name: GCK
NCBI Gene Entry: 2645
UniProt Entry: P35557

Application Information

Molecular Weight: Predicted, 52 kDa; observed, 52 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB5845
Species Reactivity: Human
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Glucokinase

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

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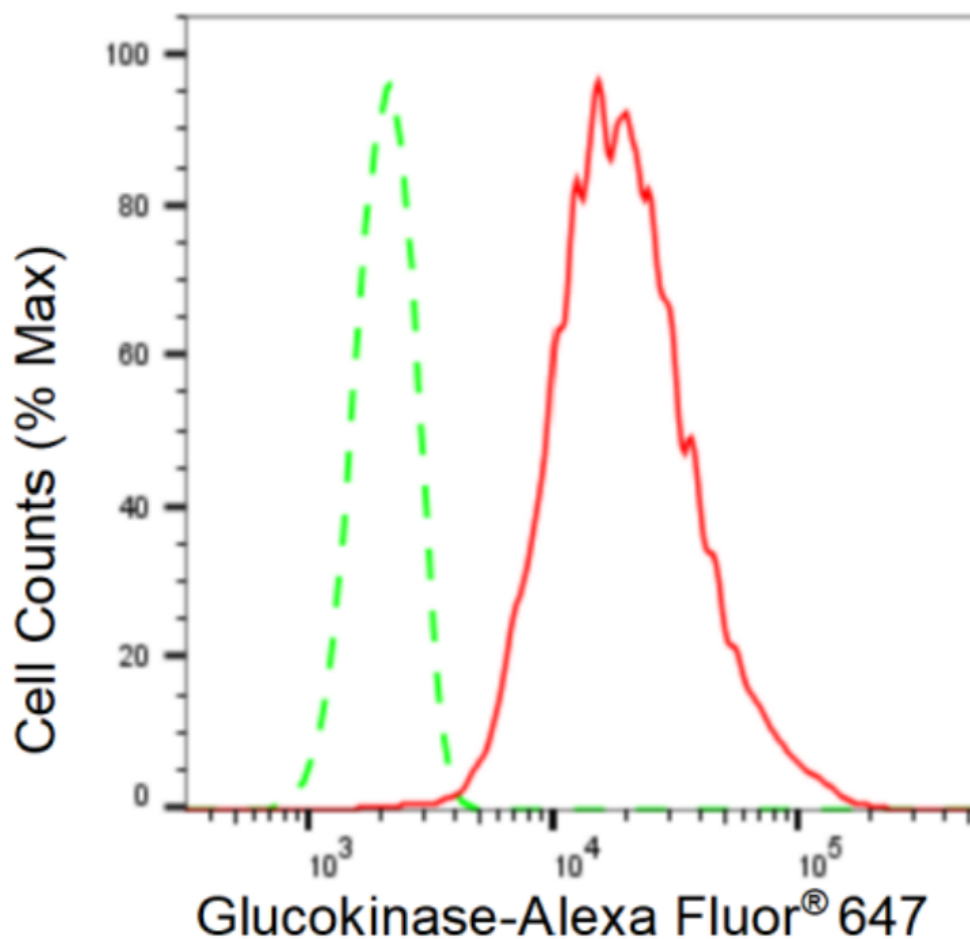
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of Glucokinase expression in HepG2 cells using Glucokinase antibody (Cat#2069, 1:2,000). Green, isotype control; red, Glucokinase.
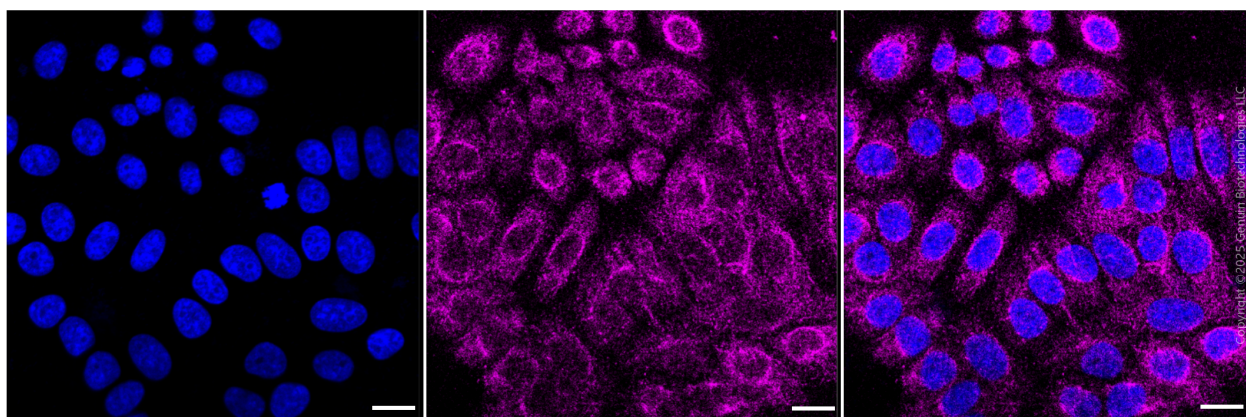
Immunocytochemical staining of HepG2 cells with anti-Glucokinase antibody (Cat#2069, 1:1,000). Nuclei were stained blue with DAPI; Glucokinase was stained magenta with Alexa

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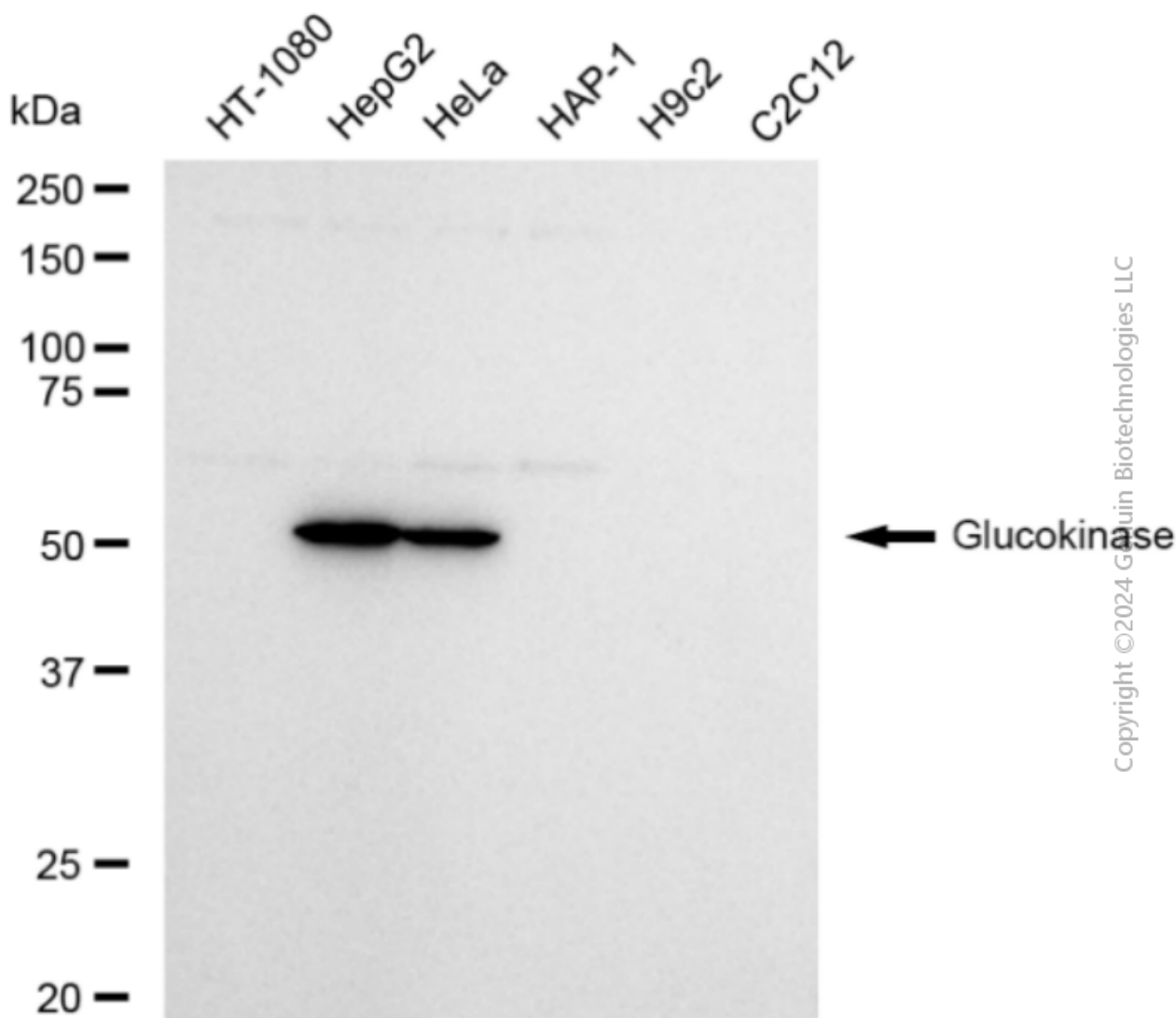SUPPORT@GENUINBIOTECH.COM
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Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μm.

Western blotting analysis using anti-Glucokinase antibody (Cat#2069). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Glucokinase antibody (Cat#2069, 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).

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