Anti-AGL Recombinant Rabbit Monoclonal Antibody

GenuIN BIOTECH
REAL MATTERS

Catalog #: 3966

Aliases

AGL; Amylo-Alpha-1, 6-Glucosidase, 4-Alpha-Glucanotransferase; GDE; Glycogen Debranching Enzyme; Amylo-1, 6-Glucosidase, 4-Alpha-Glucanotransferase; Glycogen Debrancher; Amylo-Alpha-1, 6-Glucosidase, 4-Alpha-Glucanotransferaseprovided; Glycogen Storage Disease Type III; Glycogen Debranching Protein

Background

Gene Name: AGL
NCBI Gene Entry: 178
UniProt Entry: P35573

Application Information

Molecular Weight: Predicted, 175 kDa; observed, 150 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB8920
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human AGL

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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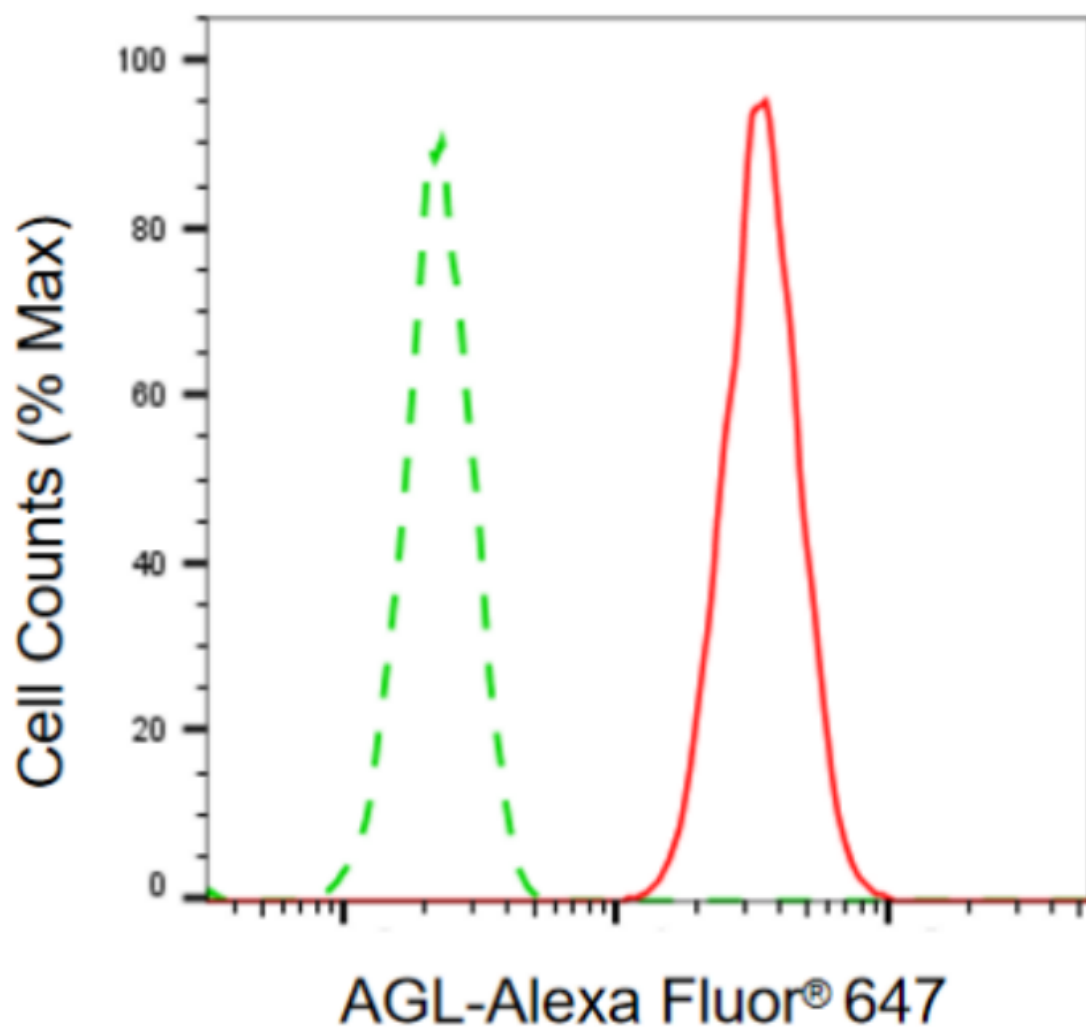
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Note: This product is for research use only.

Validation Data

Flow cytometric analysis of AGL expression in HAP-1 cells using anti-AGL antibody (Cat#3966, 1:2,000). Green, isotype control; red, AGL.
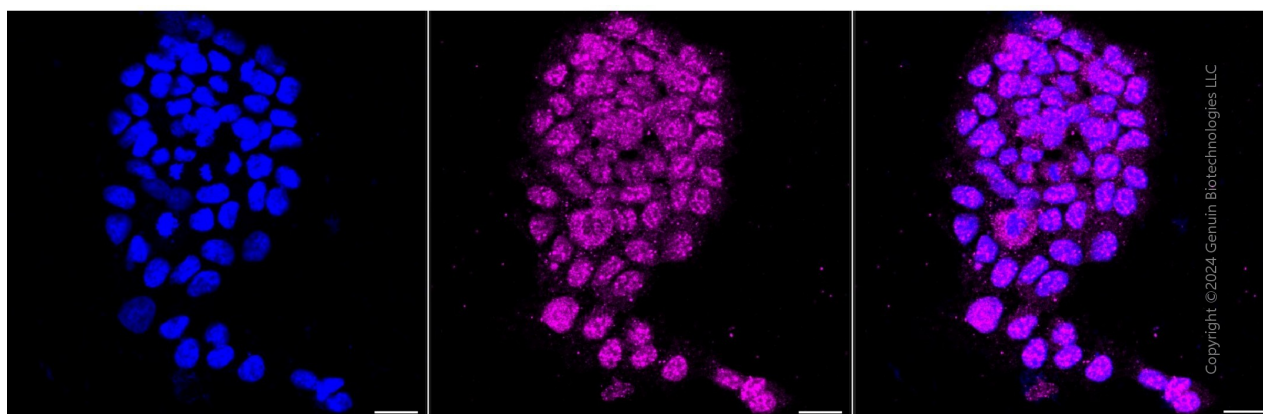
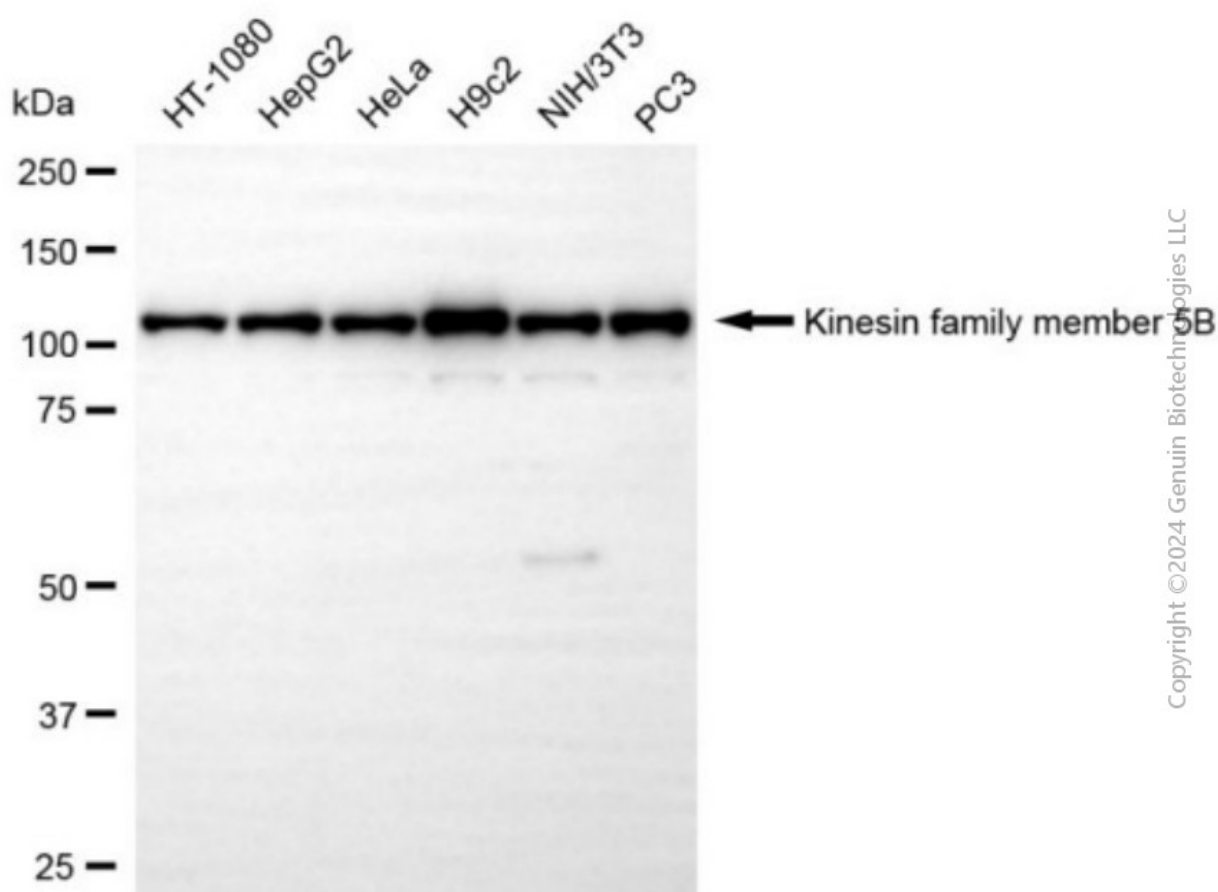**SUPPORT**

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Immunocytochemical staining of HAP-1 cells with anti-AGL antibody (Cat#3966, 1:1,000). Nuclei were stained blue with DAPI; AGL 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.

Western blotting analysis using anti-AGL antibody (Cat#3966). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-

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AGL antibody (Cat#3966, 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).