

Anti-ATP5MC1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 3149

Aliases

ATP5MC1; ATP Synthase Membrane Subunit C Locus 1; ATP5G1; ATP Synthase, H⁺ Transporting, Mitochondrial F0 Complex, Subunit C1 (Subunit 9); ATP Synthase, H⁺ Transporting, Mitochondrial Fo Complex Subunit C1 (Subunit 9); ATP Synthase Proton-Transporting Mitochondrial F(0) Complex Subunit C1; Dicyclohexylcarbodiimide (DCCD)-Reactive Proteolipid Subunit; ATP Synthase F(0) Complex Subunit C1, Mitochondrial; ATP Synthase Proteolipid P1; ATP Synthase Subunit 9; ATPase Protein 9; ATPase Subunit C; ATP5G; ATP Synthase, H⁺ Transporting, Mitochondrial F0 Complex, Subunit C (Subunit 9), Isoform 1; ATP Synthase, H⁺ Transporting, Mitochondrial Fo Complex, Subunit C1 (Subunit 9); ATP Synthase, H⁺ Transporting, Mitochondrial F0 Complex, Subunit C (Subunit 9); ATP Synthase Lipid-Binding Protein, Mitochondrial; Mitochondrial ATP Synthase, Subunit 9; Mitochondrial ATP Synthase, Subunit C; ATP Synthase Lipid-Binding Protein; ATPase Subunit 9; ATP5A

Background

Gene Name: ATP5MC1

NCBI Gene Entry: [516](#)

UniProt Entry: [P05496](#)

Application Information

Molecular Weight: Predicted, 14 kDa; observed, 8 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB5160

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human ATP5G1

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.

SUPPORT

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Recommended Dilutions

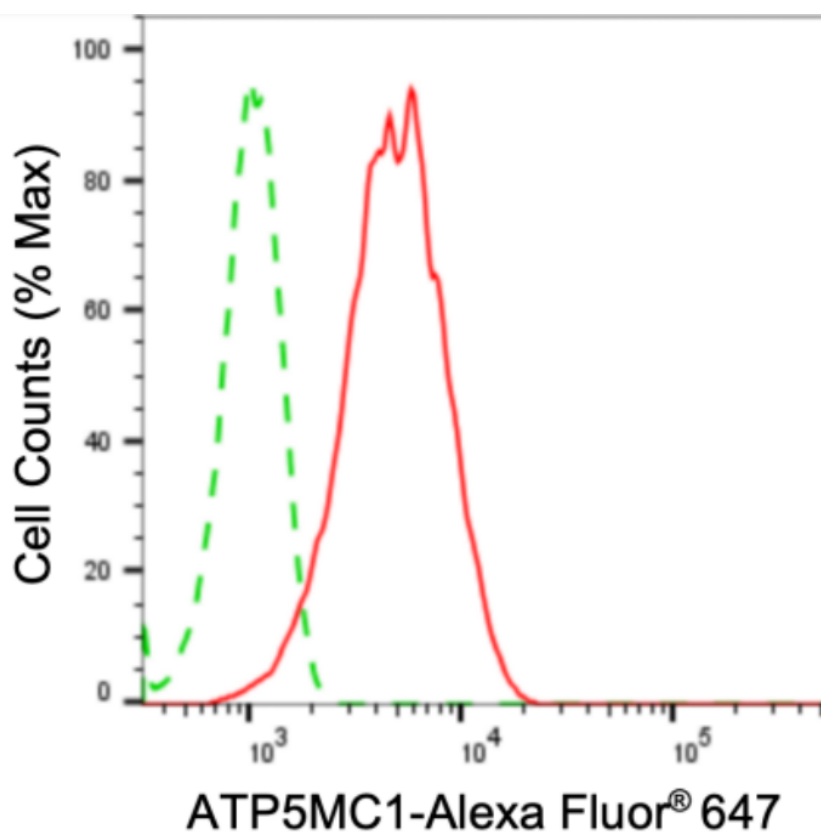
Western Blotting (WB): 1:1,000-1:5,000

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

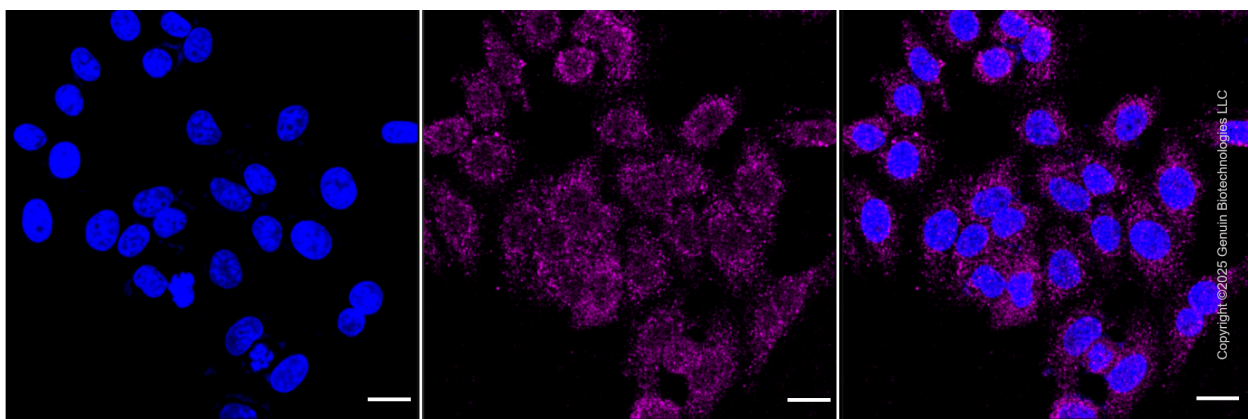
Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

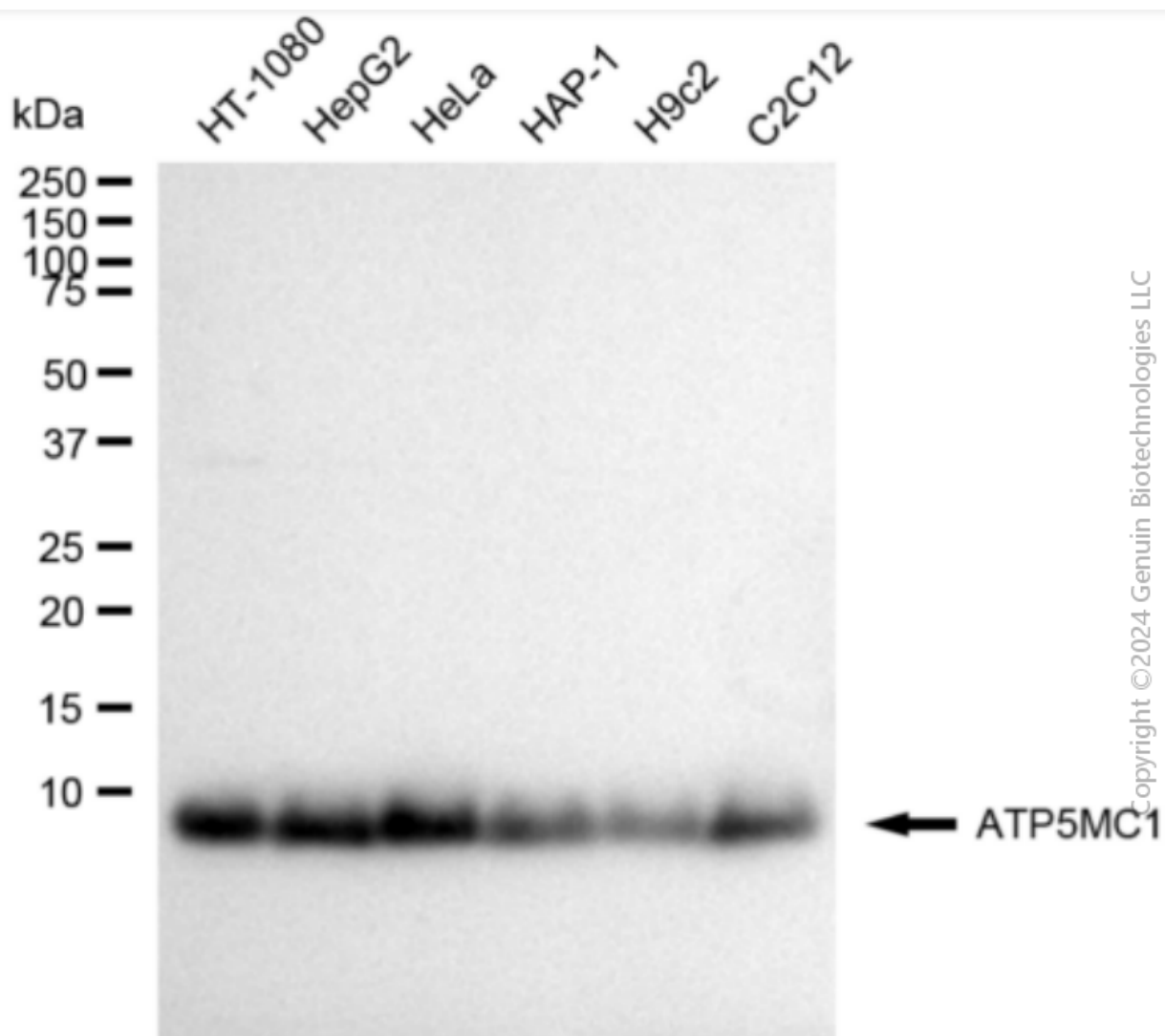
Validation Data



Flow cytometric analysis of ATP5MC1 expression in HepG2 cells using anti-ATP5MC1 antibody (Cat#3149, 1:2,000). Green, isotype control; red, ATP5MC1.



Immunocytochemical staining of HepG2 cells with ATP5MC1 antibody (Cat#3149, 1:1,000). Nuclei were stained blue with DAPI; ATP5MC1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 μ m.



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Western blotting analysis using anti-ATP5MC1 antibody (Cat#3149). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATP5MC1 antibody (Cat#3149, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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