

Anti-ATG4B Recombinant Rabbit Monoclonal Antibody



Catalog #: 4335

Aliases

ATG4B; Autophagy Related 4B Cysteine Peptidase; AUTL1; KIAA0943; APG4B; Autophagy-Related Cysteine Endopeptidase 1; Autophagy-Related Protein 4 Homolog B; AUT-Like 1 Cysteine Endopeptidase; Cysteine Protease ATG4B; Autophagin-1; HsAPG4B; HAPG4B; ATG4 Autophagy Related 4 Homolog B (S. Cerevisiae); APG4 Autophagy 4 Homolog B (S. Cerevisiae); Autophagy Related 4B, Cysteine Peptidase; ATG4 Autophagy Related 4 Homolog B; APG4 Autophagy 4 Homolog B; DKFZp586D1822; DKFZP586D1822; EC 3.4.22.-; EC 3.4.22; Apg4B

Background

Gene Name: ATG4B

NCBI Gene Entry: [23192](#)

UniProt Entry: [Q9Y4P1](#)

Application Information

Molecular Weight: Predicted, 44 kDa; observed, 44 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10705

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Atg4B

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

SUPPORT

SUPPORT@GENUINBIOTECH.COM
TEL: +1-540-855-7041

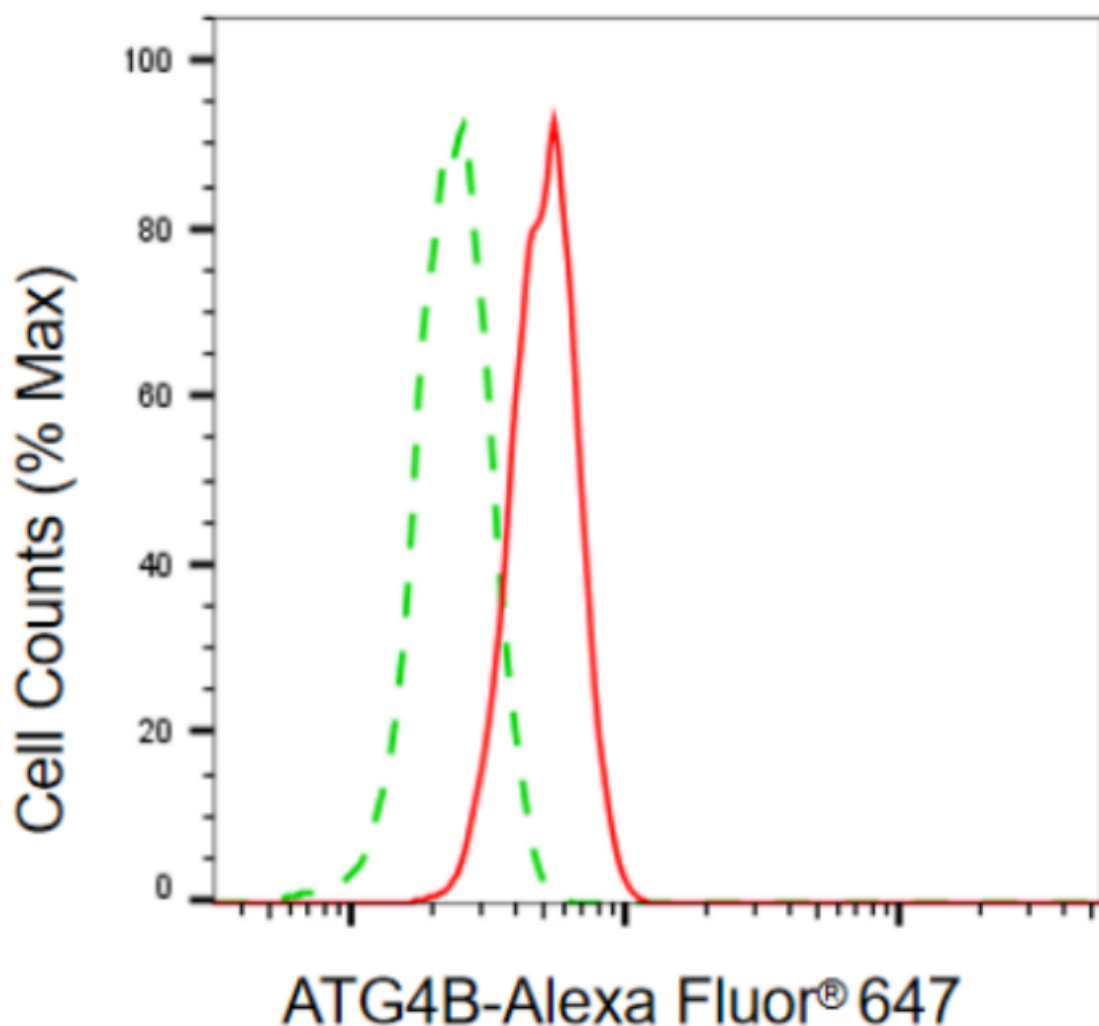
ORDERS

SALES@GENUINBIOTECH.COM
FAX: +1-540-855-7041

WWW.GENUINBIOTECH.COM

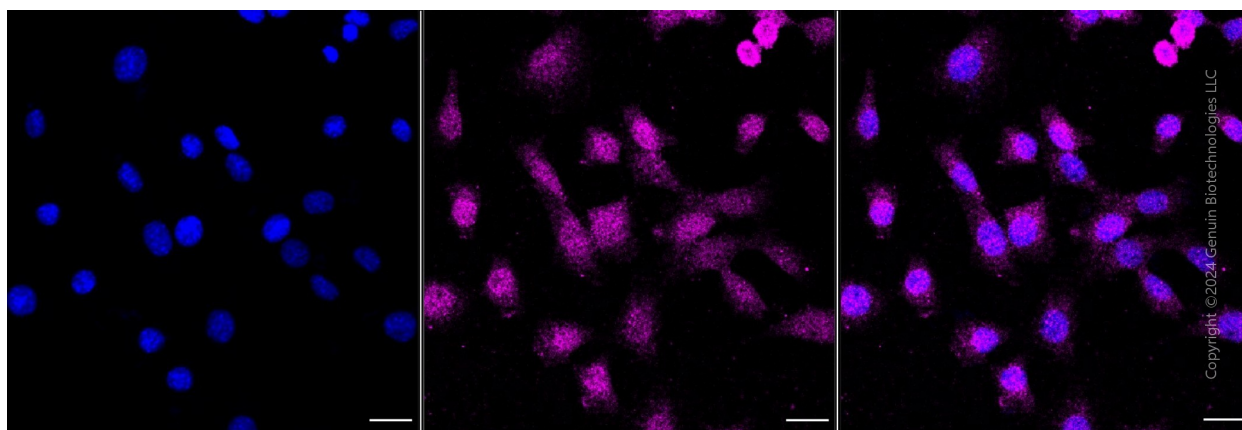
Note: This product is for research use only.

Validation Data

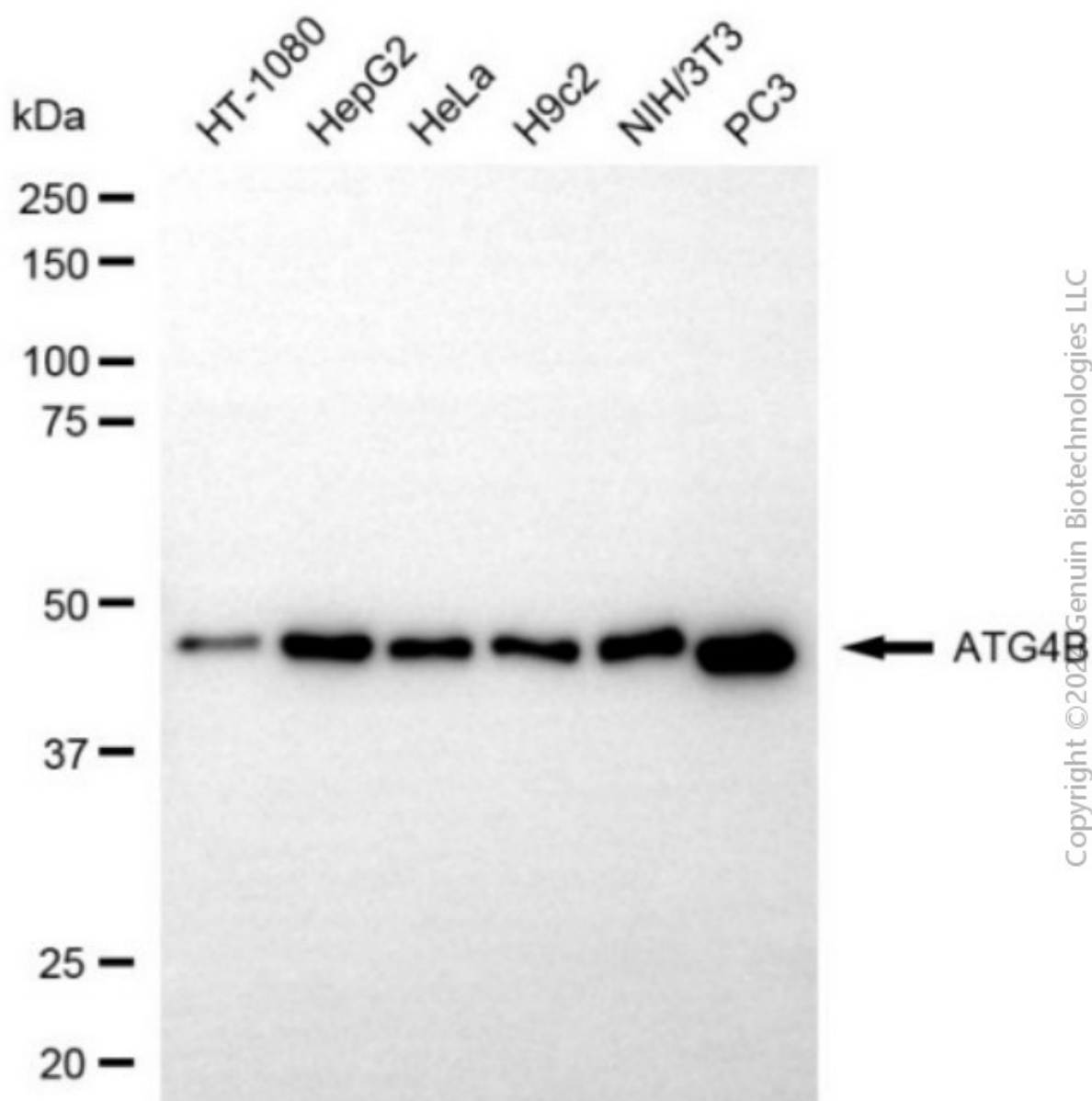


Copyright ©2024 Genuin Biotechnologies LLC

Flow cytometric analysis of ATG4B expression in C2C12 cells using anti-ATG4B antibody (Cat#4335, 1:2,000). Green, isotype control; red, ATG4B.



Immunocytochemical staining of C2C12 cells with anti-ATG4B antibody (Cat#4335, 1:1,000) . Nuclei were stained blue with DAPI; ATG4B 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.



Western blotting analysis using anti-ATG4B antibody (Cat#4335). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATG4B antibody (Cat#4335, 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).