Anti-ATG9A Recombinant Rabbit Monoclonal Antibody

Catalog #: 4192

Aliases

ATG9A; Autophagy Related 9A; APG9L1; Autophagy-Related Protein 9A; APG9-Like 1; FLJ22169; MATG9; ATG9 Autophagy Related 9 Homolog A (S. Cerevisiae); APG9 Autophagy 9-Like 1 (S. Cerevisiae); ATG9 Autophagy Related 9 Homolog A; Autophagy 9-Like 1 Protein; APG9 Autophagy 9-Like 1; MGD3208

Background

Gene Name: ATG9A
NCBI Gene Entry: 79065
UniProt Entry: Q7Z3C6

Application Information

Molecular Weight: Predicted, 94 kDa; observed, 94 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 24GB9995
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human ATG9A

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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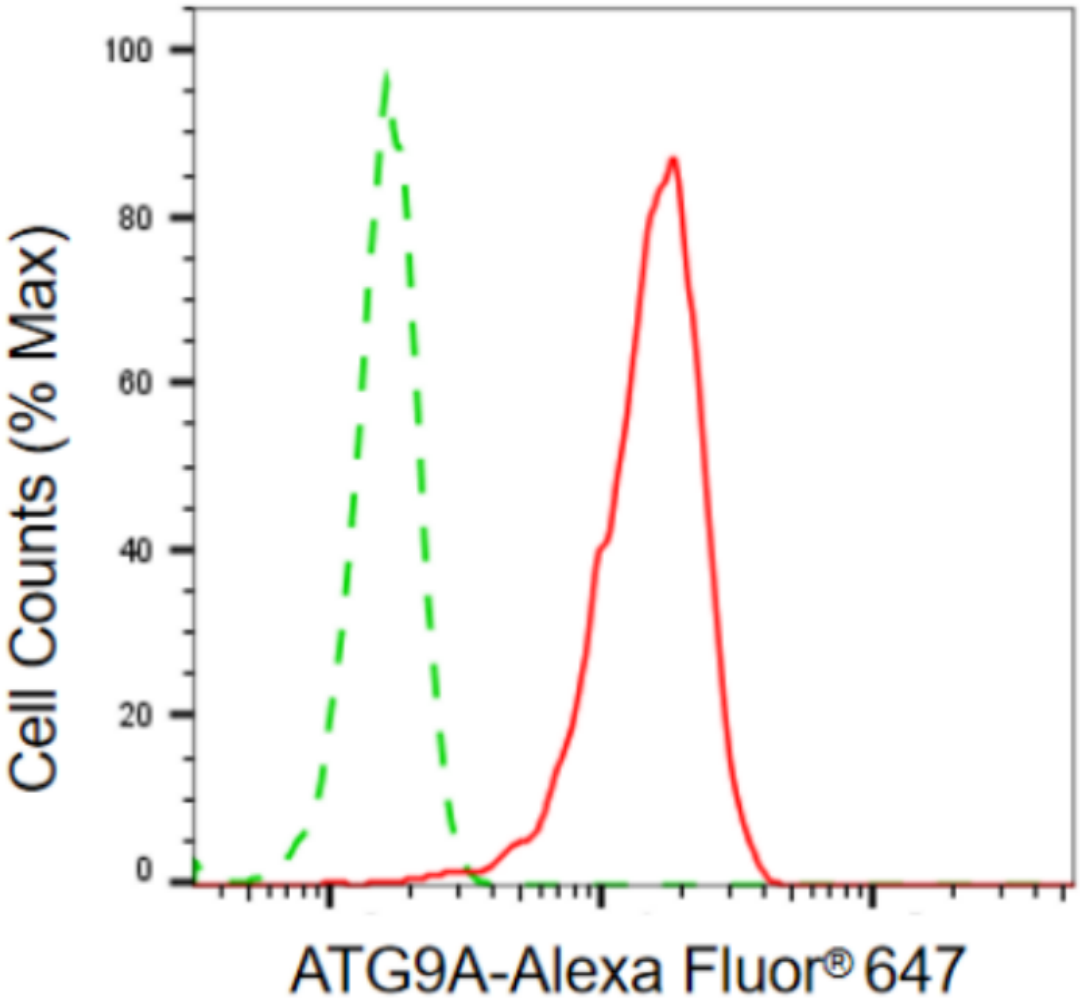
Note: This product is for research use only.

Validation Data



Flow cytometric analysis of ATG9A expression in HeLa cells using anti-ATG9A antibody (Cat#4192, 1:2,000). Green, isotype control; red, ATG9A.

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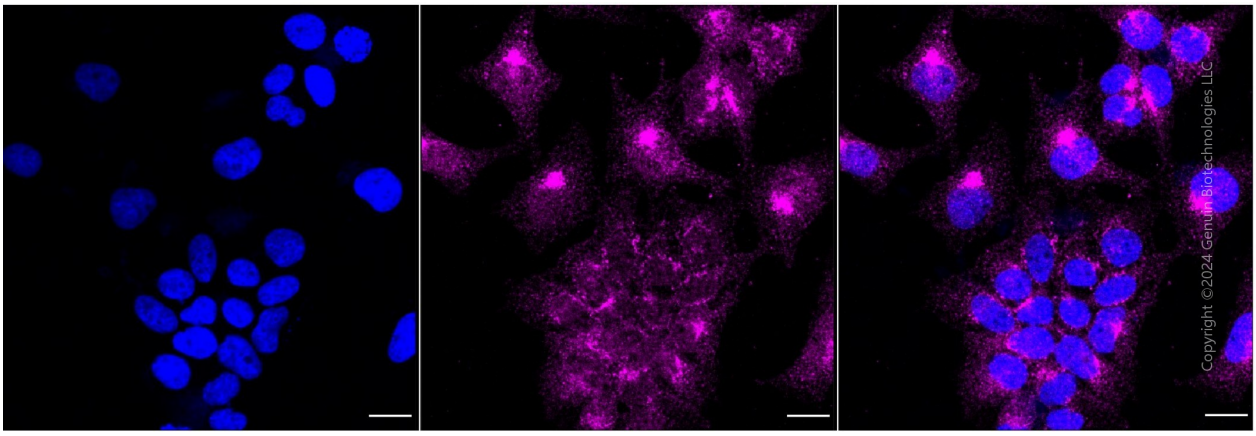
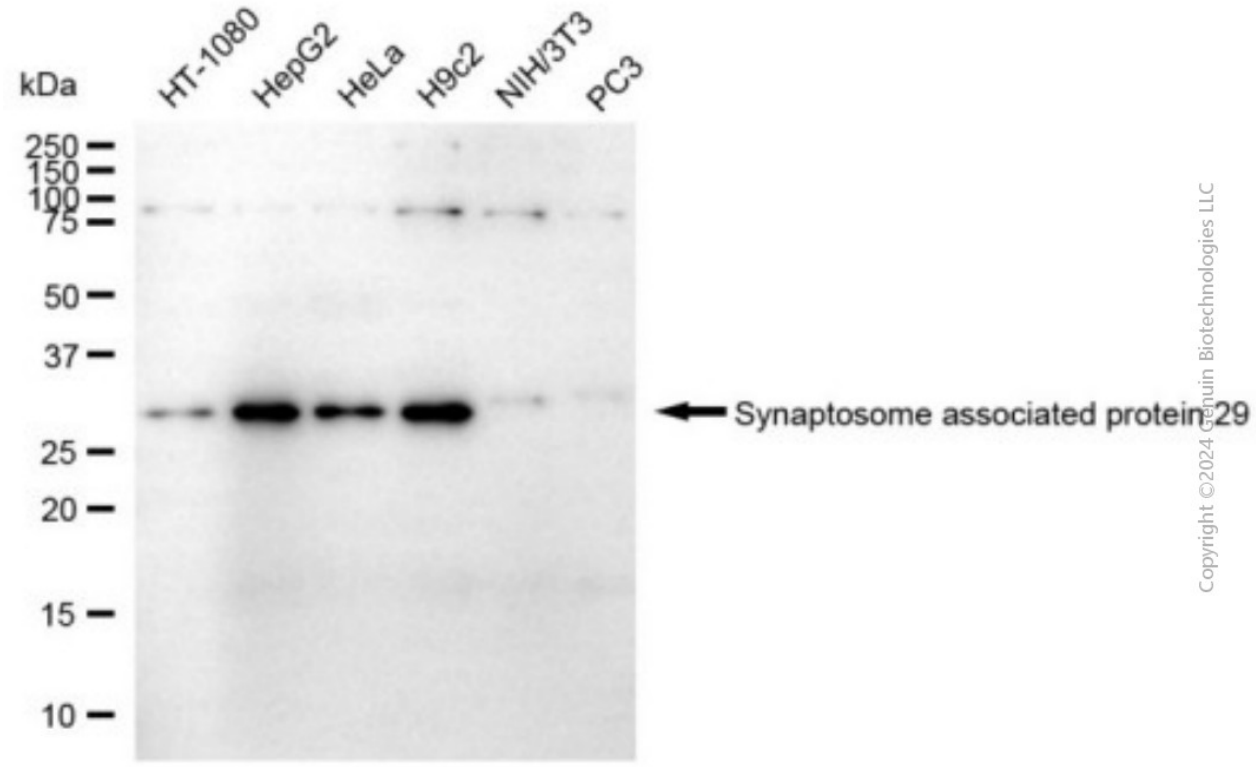


Immunocytochemical staining of Hela cells with anti-ATG9A antibody (Cat#4192, 1:1,000). Nuclei were stained blue with DAPI; ATG9A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-ATG9A antibody (Cat#4192). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATG9A antibody (Cat#4192, 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).