

KD-Validated Anti-ATG9A Recombinant Rabbit Monoclonal Antibody



Catalog #: 61376

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: 23GB3245

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

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

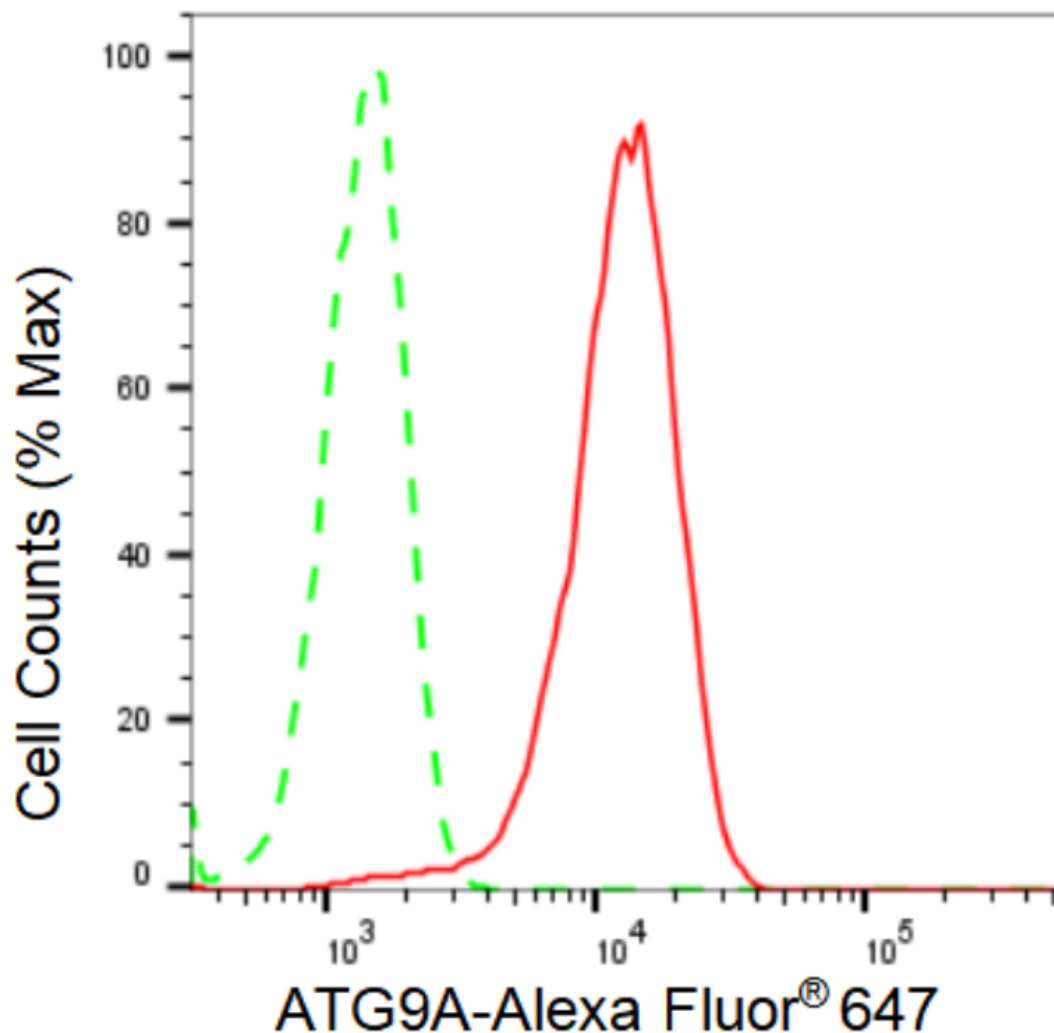
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Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of ATG9A expression in HeLa cells using ATG9A antibody (Cat#61376, 1:2,000). Green, isotype control; red, ATG9A.

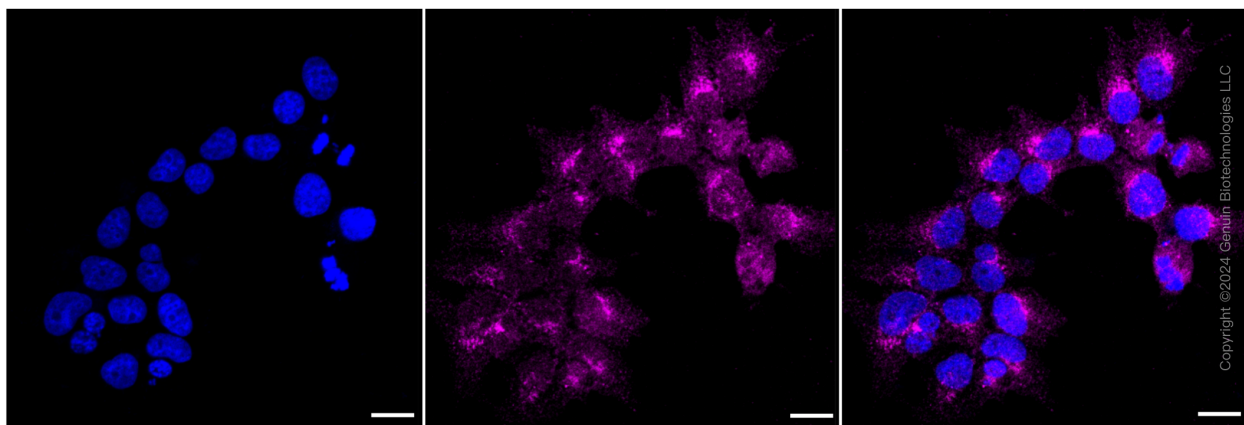
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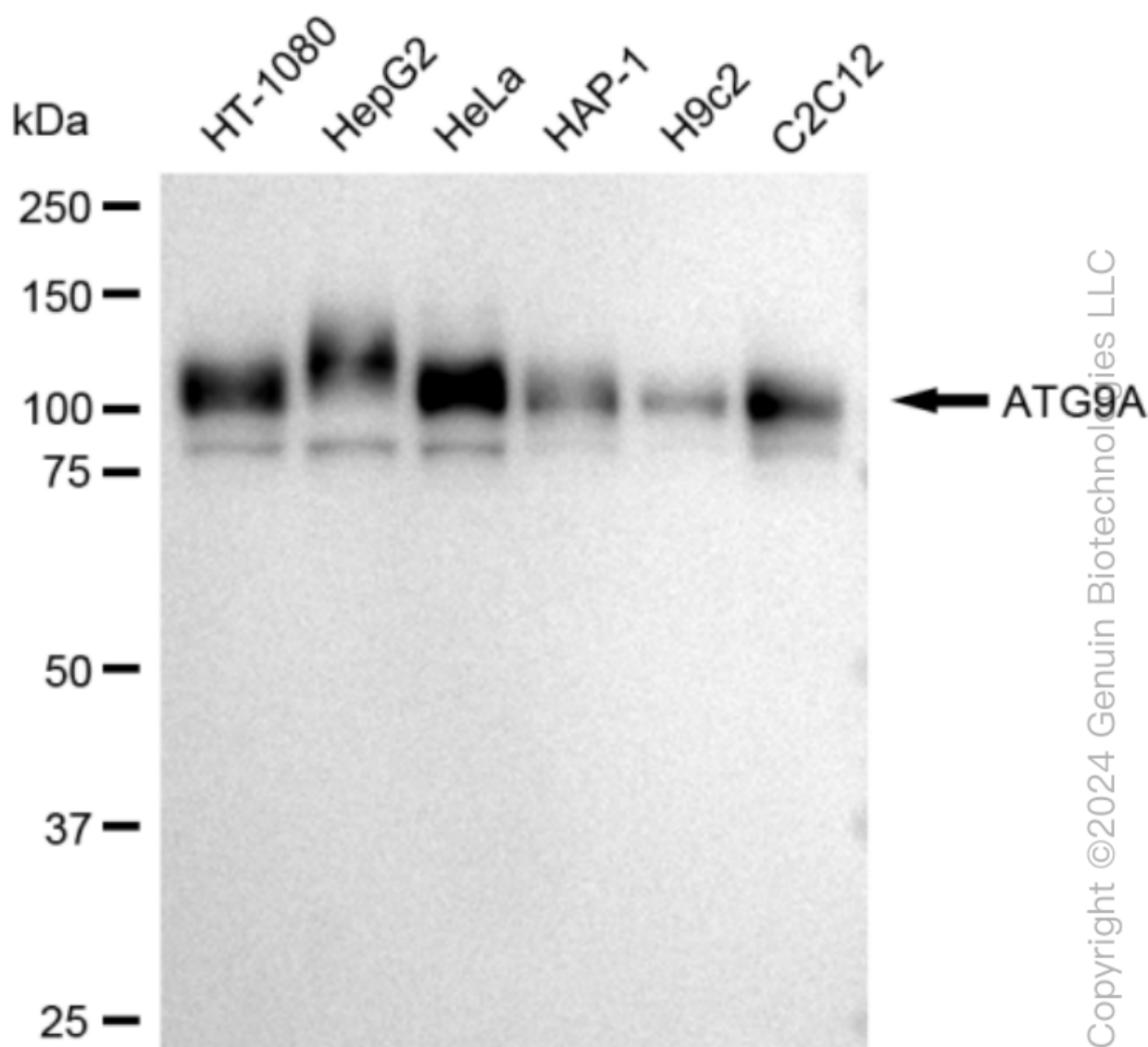
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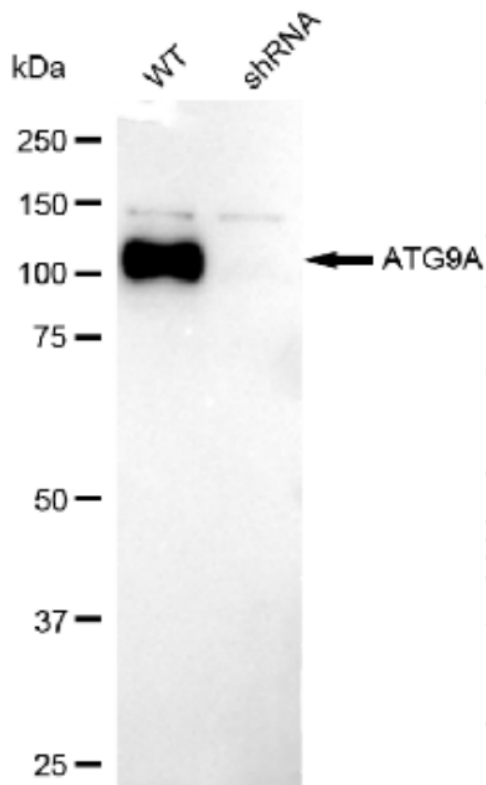
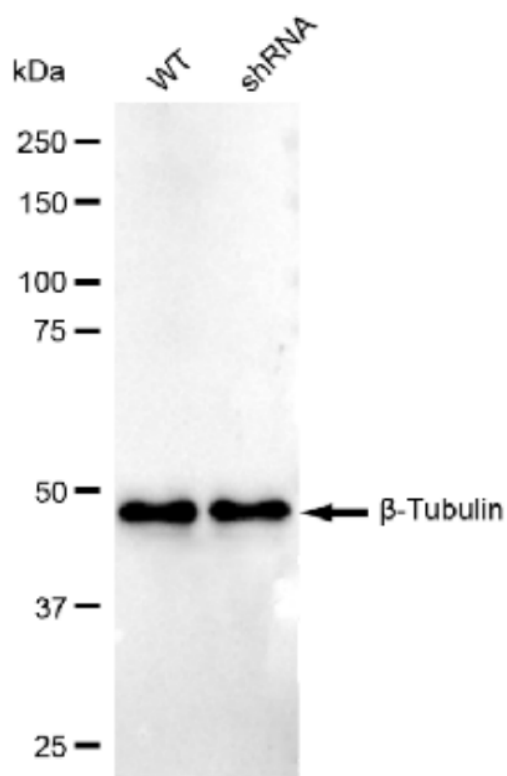
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Immunocytochemical staining of HeLa cells with ATG9A antibody (Cat#61376, 1:1,000). Nuclei were stained blue with DAPI; ATG9A was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.



Western blotting analysis using anti-ATG9A antibody (Cat#61376). 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#61376, 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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Western blotting analysis using anti-ATG9A antibody (Cat#61376). ATG9A expression in wild type (WT) and ATG9A shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-ATG9A antibody (Cat#61376, 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).