

KD-Validated Anti-ATG9A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

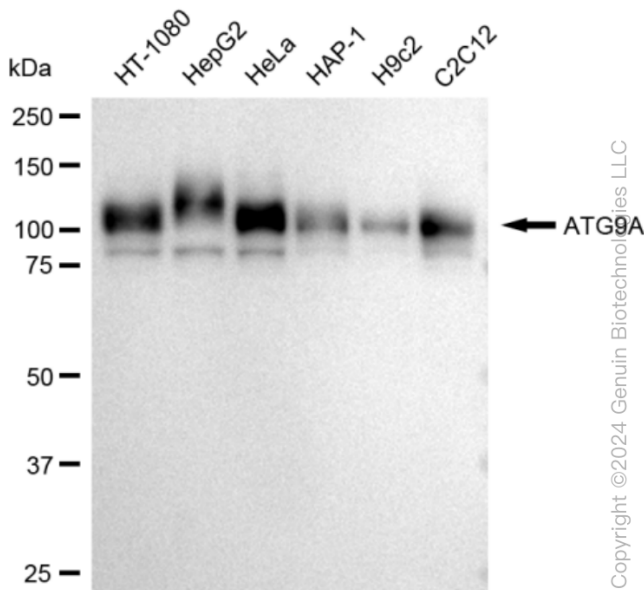
ABG1178

Product Overview

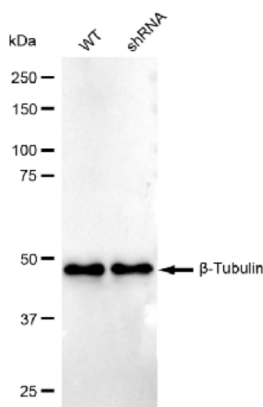
Name	KD-Validated Anti-ATG9A Rabbit Monoclonal Antibody
Accession(Primary)	Q7Z3C6
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human ATG9A
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 94 kDa , observed, 94 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (Q7Z3C6)

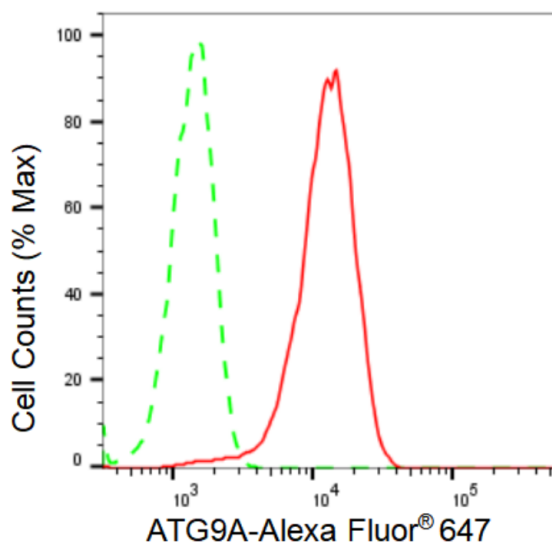
Gene Name	ATG9A
About Gene Symbol	ATG9A (Autophagy Related 9A) is an autophagy regulatory protein involved in autophagy. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



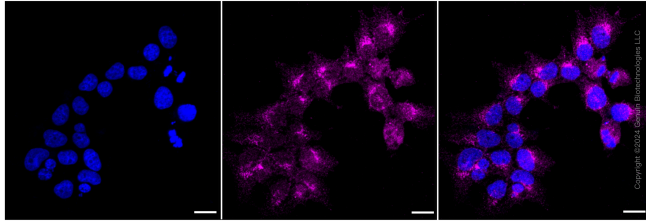
Western blotting analysis using anti-ATG9A antibody (Cat#ABG1178). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ATG9A antibody (Cat#ABG1178, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-ATG9A antibody (Cat#ABG1178). ATG9A expression in wild type (WT) and ATG9A shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-ATG9A antibody (Cat#ABG1178, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of ATG9A expression in HeLa cells using ATG9A antibody (Cat#ABG1178, 1:2,000). Green, isotype control; red, ATG9A.



Immunocytochemical staining of HeLa cells with ATG9A antibody (Cat#ABG1178, 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.