9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-MAP1LC3A Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1011

Product Overview

Name	KD-Validated Anti-MAP1LC3A Rabbit Monoclonal Antibody
Accession(Primary)	Q9H492
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MAP1LC3A
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 14 kDa, observed, 14,16 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:4,000-1:20,000 Immunocytochemistry (IC): 1:1,000

Target information (Q9H492)

Gene Name	MAP1LC3A
About Gene Symbol	MAP1LC3A (Microtubule Associated Protein 1 Light Chain 3 Alpha) is an autophagy regulatory protein involved in autophagy and ubiquitin-proteasome pathway. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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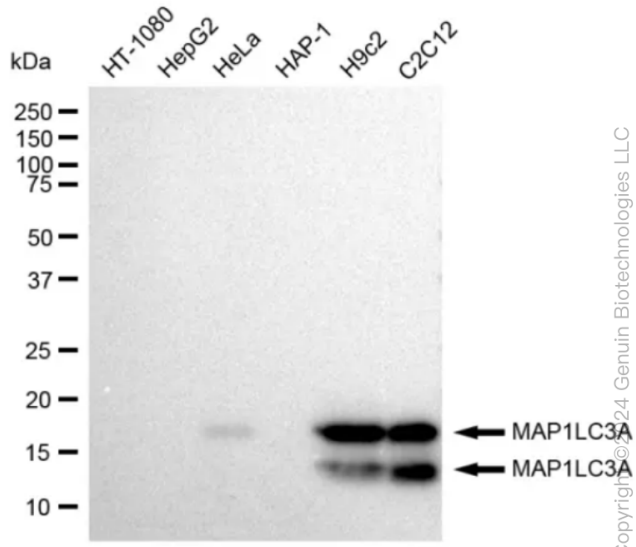
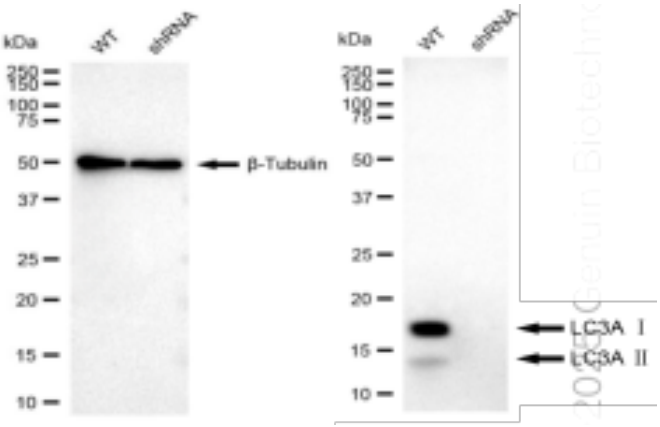
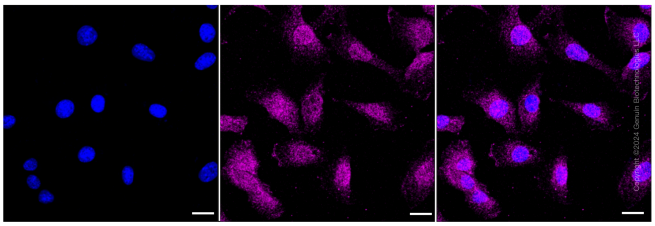


Western blotting analysis using anti-MAP1LC3A antibody (Cat#ABG1011). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MAP1LC3A antibody (Cat#ABG1011, 1:20,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Western blotting analysis using anti-MAP1LC3A antibody (Cat.#ABG1011). MAP1LC3A expression in wild type (WT) and MAP1LC3A 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-MAP1LC3A antibody (Cat.#ABG1011, 1:20,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



Immunocytochemical staining of C2C12 cells with MAP1LC3A antibody (Cat#ABG1011, 1:1,000). Nuclei were stained blue with DAPI; MAP1LC3A 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.