

KD-Validated Anti-MAP1LC3B Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

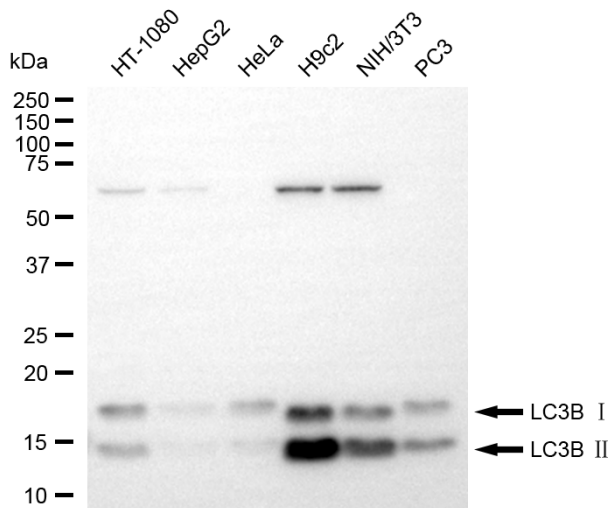
ABG1428

Product Overview

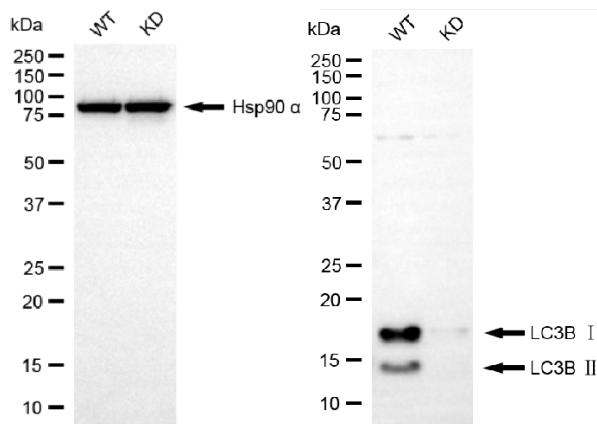
Name	KD-Validated Anti-MAP1LC3B Rabbit Monoclonal Antibody
Accession(Primary)	Q9GZQ8
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human LC3B
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 15 kDa; observed, 14,16 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9GZQ8)

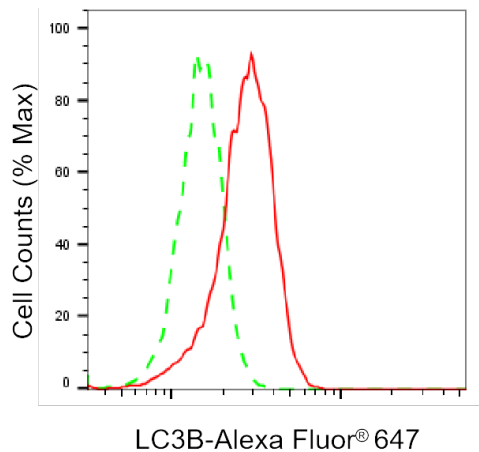
Gene Name	MAP1LC3B
About Gene Symbol	MAP1LC3B (Microtubule Associated Protein 1 Light Chain 3 Beta 2) is an autophagy regulatory protein involved in autophagy and ubiquitin-proteasome pathway. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and



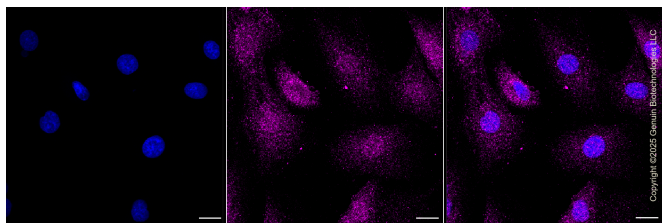
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Immunocytochemical staining of H9C2 cells with anti-LC3B antibody (Cat#ABG1428, 1:1,000).

Nuclei were stained blue with DAPI; LC3B 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.