LC3 Antibody (APG8)

Catalog_no：	AB0683
Applications：	WB, IHC-P, FC
Reactivity：	H, M, Rat
Category：	抗原抗体
Size：	100μL/50μL
Immunogen：	HUMAN
Specificity：	This LC3 antibody is generated from mouse immunized with a full length recombinant protein of human LC3 (APG8).
Dilution：	WB,1:8000;WB,1:1000;WB,1:1000;
Purification：	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Other_name：	Microtubule-associated proteins 1A/1B light chain 3A, Autophagy-related protein LC3 A, Autophagy-related ubiquitin-like modifier LC3 A, MAP1 light chain 3-like protein 1, MAP1A/MAP1B light chain 3 A, MAP1A/MAP1B LC3 A, Microtubule-associated protein 1 light chain 3 alpha, MAP1LC3A
Isotype：	Mouse IgG1 k
Background：	MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene.
reference：	References for protein: 1.Autophagy negatively regulates Wnt signalling by promoting Dishevelled degradation. Gao C, et al. Nat Cell Biol, 2010 Aug. PMID 20639871. 2.The prolyl isomerase Pin1 induces LC-3 expression and mediates tamoxifen resistance