

Mouse Anti-MAP1LC3A Monoclonal Antibody

Cat. No. DMABT-H17746 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Anti-MAP1LC3A Monoclonal Antibody
Species	Human
Source	Mouse
Antigen Description	<p>Macroautophagy mediates the bulk degradation of cytoplasmic components. These components are delivered to lysosomes via autophagosomes. The rat microtubule-associated protein 2 light chain 4 (LC3), a homologue of yeast Atg8 (Aut7/Apg8), localizes to autophagosomal membranes after post-translational modifications. The C-terminal fragment of LC3 is cleaved immediately following synthesis to yield a cytosolic form called LC3-I (18 kDa). A subpopulation of LC3-I is further converted to an autophagosome-associating form, LC3-II (16 kDa). This antibody can detect both forms of LC3.</p>
Target	MAP1LC3A
Isotype	IgG1 k
species	Human
Clone	5F23
Conjugation	N/A

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Flow Cyt,ICC,IHC,WB
Storage	-20°C
Size	200 µg
Ship	4°C

GENE INFORMATION

Gene Name	MAP1LC3A microtubule-associated protein2light chain4alpha [Homo sapiens]
Official Symbol	MAP1LC3A
Synonyms	MAP1LC3A; microtubule-associated protein2light chain4alpha; ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3;
Gene ID	8199
MIM	601242
UniProt ID	Q9H492
Chromosome Location	20q11.22

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