

MAP1LC3B recombinant antibody

MAP1LC3B Recombinant Monoclonal Antibody

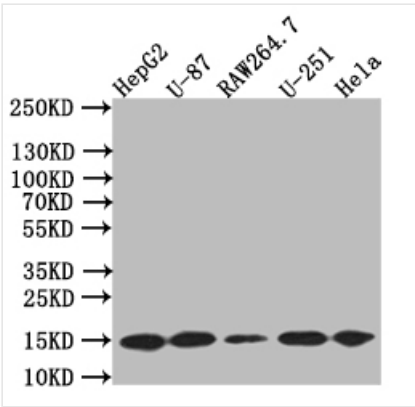
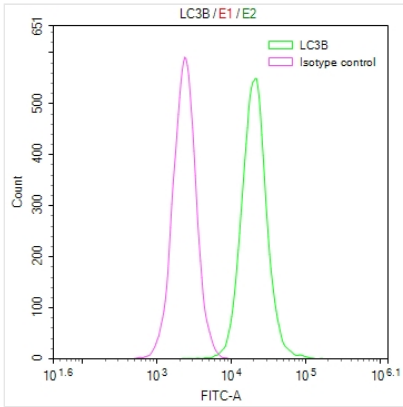
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279092	HEK293F Cell	Human	Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

MAP1LC3B; Monoclonal Recombinant Antibody; MAP1LC3B Recombinant Monoclonal Antibody; Microtubule-associated proteins 1A/1B light chain 3B (Autophagy-related protein LC3 B)(Autophagy-related ubiquitin-like modifier LC3 B)(MAP1 light chain 3-like protein 2)(MAP1A/MAP1B light chain 3 B)(MAP1A/MAP1B LC3 B)(Microtubule-associated protein 1 light chain 3 beta); MAP1ALC3; MAP1LC3B recombinant antibody

PRODUCT SPECIFICATIONS

Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	7D11
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for MAP1LC3B recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human MAP1LC3B
Conjugation	Non-conjugated
Research Area	Neuroscience; Cancer; Cardiovascular; Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing HeLa cells stained with AAA279092 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*106cells) for 45min at 4?. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4?. Control antibody (green line) was rabbit IgG (1ug/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.

WB (Western Blot)
Western BlotPositive WB detected in: HepG2 whole cell lysate,U87 whole cell lysate,RAW264.7 whole cell lysate,U251 whole cell lysate,HeLa whole cell lysateAll lanes: LC3B antibody at 1:500SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 15 kDaObserved band size: 15 kDa

NCBI AND UNIPROT INFORMATION

NCBI GI #	17433141
NCBI GeneID	81631
UniProt Accession #	Q9GZQ8; Q6NW02
Molecular Weight	125
NCBI Official Full Name	Microtubule-associated proteins 1A/1B light chain 3B
NCBI Official Synonym Full Names	microtubule-associated protein 1 light chain 3 beta
NCBI Official Symbol	MAP1LC3B
NCBI Official Synonym Symbols	LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3B; MAP1A/MAP1B LC3 B; MAP1A/MAP1B light chain 3 B; MAP1 light chain 3-like protein 2; autophagy-related ubiquitin-like modifier LC3 B
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3B
UniProt Gene Name	MAP1LC3B
UniProt Synonym Gene Names	MAP1ALC3; MAP1A/MAP1B LC3 B
UniProt Entry Name	MLP3B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.