

## MAP1LC3B Conjugated Antibody

Catalog No: #C46604



Package Size: #C46604-AF350 100ul #C46604-AF405 100ul #C46604-AF488 100ul  
 #C46604-AF555 100ul #C46604-AF594 100ul #C46604-AF647 100ul  
 #C46604-AF680 100ul #C46604-AF750 100ul #C46604-Biotin 100ul

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## Description

Product Name	MAP1LC3B Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total MAP1LC3B protein.
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human MAP1LC3B
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LC3B; ATG8F; MAP1LC3B-a; MAP1A/1BLC3
Accession No.	Swiss-Prot#:Q9GZQ8NCBI Gene ID:81631NCBI mRNA#:NCBI Protein#:NP_073729
Uniprot	Q9GZQ8
GeneID	81631;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	15
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.

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Note: This product is for in vitro research use only