

## Anti-LC3B Rabbit Monoclonal Antibody

### Introduction

Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production.

### Product parameters

Alternative Names	MAP1LC3B
Gene ID	81631
Gene Name	MAP1LC3B
SwissProt ID	Q9GZQ8
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 14,16 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-4D11C12
Form	Liquid
Concentration	See label
Carrier	Carrier Free
Immunogen	A synthesized peptide derived from human LC3B
Purification	Affinity Chromatography
Buffer System	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Application	WB, ICC/IF, IP
Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/50
Research Field	Signal Transduction
Product Categories	Primary antibody
Shipping	Blue ice

Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

## Protocol

Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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