

**MB0618**

**MAP1LC3B Antibody**



- 50ul
- 100 uL

<b>Order</b>	021-34695924 orders@ab-mart.com
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**Description:**

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. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation. Promotes primary ciliogenesis by removing OFD1 from centriolar satellites via the autophagic pathway. Through its interaction with the reticulophagy receptor TEX264, participates in the remodeling of subdomains of the endoplasmic reticulum into autophagosomes upon nutrient stress, which then fuse with lysosomes for endoplasmic reticulum turnover.

**Uniprot :** Q9GZQ8

**Alternative Names:**

ATG8F; Autophagy-related protein LC3 B; Autophagy-related ubiquitin-like modifier LC3 B; LC3B; LC3II; MAP1 light chain 3 like protein 2; MAP1 light chain 3-like protein 2; MAP1A/1BLC3; MAP1A/MAP1B LC3 B; MAP1A/MAP1B light chain 3 B; MAP1ALC3; MAP1LC3B a; Map1lc3b; Microtubule associated protein 1 light chain 3 beta; Microtubule-associated protein 1 light chain 3 beta; Microtubule-associated proteins 1A/1B light chain 3B; MLP3B\_HUMAN;

**Specificity:**

MAP1LC3B antibody detects endogenous levels of total MAP1LC3B.

**Reactivity :** Human

**Source :** Mouse

**Mol.Wt. :** 14.6kD; 15kDa(Calculated).

**Storage Condition:**

Store at -20 °C. Stable for 12 months from date of receipt.

**Application:**

WB,ELISA,FCM

**Recommended dilution**

WB 1:500-1:2000 ELISA 1: 2000 FCM 1: 50