

## LC3B (8H6) Mouse mAb

db6556

Package : 50µL 100µL

**Product Name** : LC3B (8H6) Mouse mAb**Cat.No.:** db6556**Synonyms** : MAP1LC3B**Application** : IHC-P**Reactivity** : Human**Host species** : Mouse**Background**

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.

**Immunogen**

Purified recombinant protein expressed in E.coli

**Gene ID**

81631

**Swiss Prot**

Q9GZQ8

**Synonyms**

MAP1LC3B

**Reactivity**

Human

**Application**

IHC-P

**Recommended dilution**

IHC: 1:50-1:100

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

8H6-6D10-3A4

**Isotype**

IgG1

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .  
Stable for 12 months from date of receipt.

