

## LC3B protein

CatalogNo: YD0062

### | Key Features

#### Reactivity

- Human

### | Storage

**Storage\*** -20°C/6 month, -80°C for long storage

**Formulation** Liquid in PBS

### | Recommended Dilution Ratios

### | Basic Information

**Source** E.coli

**Purification** E.coli

**Purity** SDS-PAGE >90%

### | Immunogen Information

**Sequence** Amino acid: 1-72, with his-MBP tag.

### | Target Information

**Gene name** MAP1LC3B

**Protein Name** LC3B protein

Organism	Gene ID	UniProt ID
Human	<a href="#">81631</a> ;	<a href="#">Q9GZQ8</a> ;
Mouse		<a href="#">Q9CQV6</a> ;

**Cellular Localization**

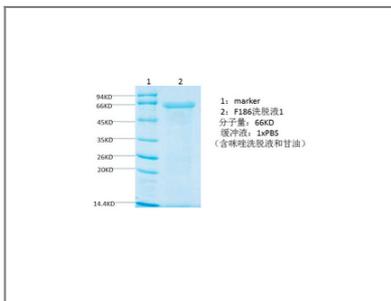
Cytoplasmic vesicle, autophagosome membrane ; Lipid-anchor . Endomembrane system ; Lipid-anchor . Mitochondrion membrane ; Lipid-anchor . Cytoplasm, cytoskeleton . Cytoplasmic vesicle . LC3-II binds to the autophagic membranes. LC3-II localizes with the mitochondrial inner membrane during Parkin-mediated mitophagy (PubMed:28017329). Localizes also to discrete punctae along the ciliary axoneme. .

**Tissue specificity** Most abundant in heart, brain, skeletal muscle and testis. Little expression observed in liver.

**Function**

proteolysis, autophagy, macromolecule catabolic process, modification-dependent protein catabolic process, protein catabolic process, modification-dependent macromolecule catabolic process, cellular protein catabolic process, cellular macromolecule catabolic process, proteolysis involved in cellular protein catabolic process,

## Validation Data



## Contact information

Orders: [order@immunoway.com](mailto:order@immunoway.com)  
Support: [tech@immunoway.com](mailto:tech@immunoway.com)  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**LC3B protein**