

## Product Datasheet

### MAP1LC3B Antibody (orb1274542)

|                             |                                    |
|-----------------------------|------------------------------------|
| <b>Catalog Number</b>       | orb1274542                         |
| <b>Category</b>             | Antibodies                         |
| <b>Description</b>          | MAP1LC3B Antibody                  |
| <b>Target</b>               | MAP1LC3B                           |
| <b>Clonality</b>            | Polyclonal                         |
| <b>Species/Host</b>         | Rabbit                             |
| <b>Isotype</b>              | IgG                                |
| <b>Conjugation</b>          | Unconjugated                       |
| <b>Reactivity</b>           | Human, Mouse, Porcine, Rat         |
| <b>Form/Appearance</b>      | Liquid                             |
| <b>Concentration</b>        | batch dependent                    |
| <b>Buffer/Preservatives</b> | Liquid                             |
| <b>Purification</b>         | Affinity purification              |
| <b>Immunogen</b>            | A synthetic peptide of human LC3B  |
| <b>UniProt ID</b>           | <b>Q9GZQ8</b>                      |
| <b>MW</b>                   | Observed: 16kDa                    |
| <b>Tested applications</b>  | IF, WB                             |
| <b>Application notes</b>    | WB: 1:500 - 1:2000IF: 1:50 - 1:200 |

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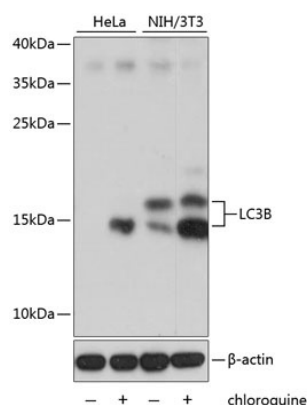
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
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**Antibody Type** Primary Antibody

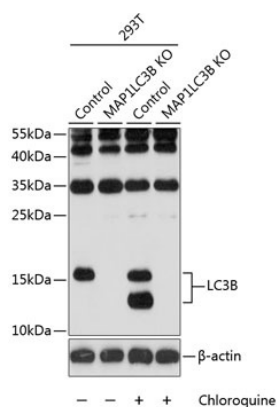
**Modifications** None

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Note** For research use only



Western blot analysis of extracts of various cell lines, using LC3B antibody (orb1274543) at 1:1000 dilution. Both C6 cells and NIH/3T3 cells were treated by Chloroquine (50  $\mu$ M) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



Western blot analysis of extracts from normal (control) and LC3B knockout (KO) 293T cells, using LC3B antibody (orb1274543) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

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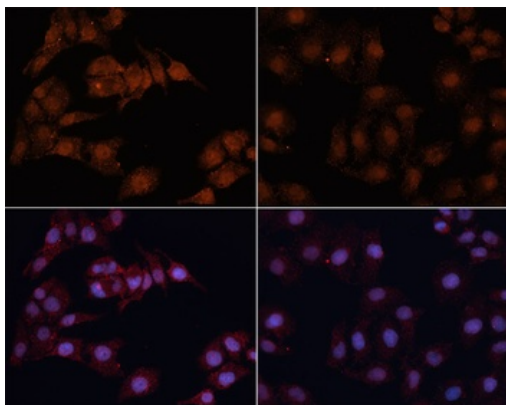
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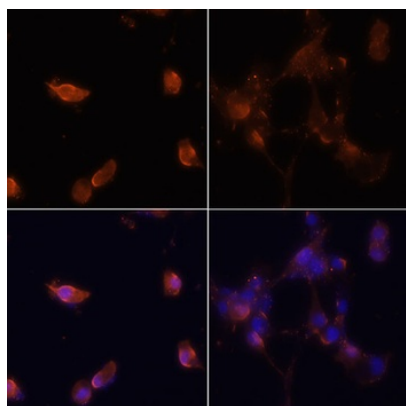
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Immunofluorescence analysis of HeLa cells using LC3B antibody (orb1274543) at dilution of 1:100. HeLa cells were treated by Chloroquine (50  $\mu$ M) for 20 hours (left). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using LC3B antibody (orb1274543) at dilution of 1:100. NIH/3T3 cells were treated by Chloroquine (50  $\mu$ M) for 20 hours (left). Blue: DAPI for nuclear staining.

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