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| <b>Product name:</b>     | LC3B Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                             |
| <b>Cat number:</b>       | MABN86710                                                                                                                                                                                                                                                                                                                                                   |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                      |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen:</b>        | A synthetic peptide of human LC3B                                                                                                                                                                                                                                                                                                                           |
| <b>Reactivity:</b>       | Human, Mouse, Rat, Pig                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications:</b>     | WB 1:1000-1:5000,IHC 1:500-1:2000,ICC/IF 1:500-1:2000                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Weight:</b> | Calculated MW:15 kDa; Observed MW:14,16 kDa                                                                                                                                                                                                                                                                                                                 |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                       |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                      |
| <b>Buffer:</b>           | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.                                                                                                                                                                                                               |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                |
| <b>Background:</b>       | The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component. [provided by RefSeq, Jul 2008] |