

A Reliable Research Partner in Life Science and Medicine

# **Recombinant LC3B Monoclonal Antibody**

catalog number: AN301035L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

### **Description**

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human LC3B protein

HostRabbitIsotype $IgG,\kappa$ Clone5A10PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

## Applications Recommended Dilution

**IHC** 1:200-1:1000 **WB** 1:1000-1:5000

#### Data

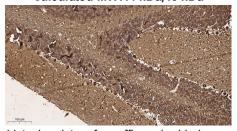
200-140-100-70-55-40-35-25-20-15- LC3B

Western Blot with Recombinant LC3B Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Hela cells.

Immunohistochemistry of paraffin-embedded human brain tissue using Recombinant LC3B Monoclonal Antibody at dilution of 1:200.

Rev. V1.0

Observed-MW:14 kDa,16 kDa Calculated-MW:14 kDa,16 kDa



Immunohistochemistry of paraffin-embedded mouse brain tissue using Recombinant LC3B Monoclonal Antibody at dilution of 1:200.

### **Preparation & Storage**

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

### **Background**

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.

### For Research Use Only

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