A Reliable Research Partner in Life Science and Medicine

# **Recombinant LC3A Monoclonal Antibody**

catalog number: AN301015L

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

### Description

Reactivity Human; Mouse; Rat

**Immunogen** Recombinant Human LC3A protein

Host Rabbit Isotype IgG,ĸ Clone B766 **Purification** Protein A

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

#### **Applications Recommended Dilution**

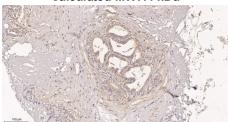
1:200-1:1000 **IHC** 1:1000-1:5000 WB

#### Data

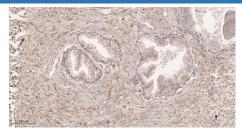
40-35-25-LC3A

Western Blot with Recombinant LC3A Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse brain cells.

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



Immunohistochemistry of paraffin-embedded mouse prostate tissue using Recombinant LC3A Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human prostate tissue using Recombinant LC3A Monoclonal Antibody at dilution of 1:200.

Rev. V1.1

## **Preparation & Storage**

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

**Shipping** Ice bag

# **Background**

MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be involved in carcinogenesis.

# For Research Use Only

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