

**Product Name: LC3B Mouse Monoclonal Antibody****Catalog #: AMM84949**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG1
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide, 0.5% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:50-1:100
<b>Molecular Weight</b>	/

**Antigen Information**

<b>Gene Name</b>	LC3B
<b>Alternative Names</b>	MAP1LC3B
<b>Gene ID</b>	81631.0
<b>SwissProt ID</b>	Q9GZQ8
<b>Immunogen</b>	Purified recombinant protein expressed in E.coli.

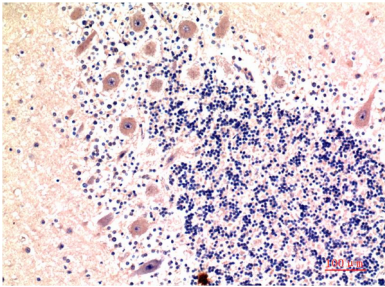
**Background**

Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production.

## Research Area

Autophagy

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human Brain Tissue using LC3B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.