

Anti-LC3B Mouse mAb

Purified Mouse Monoclonal Antibody

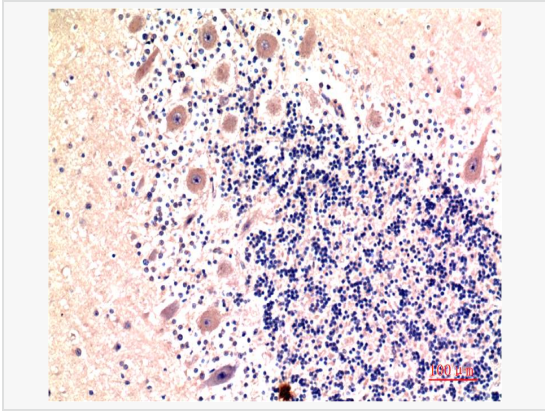
Catalog # M012886

Product Information

Application	IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	IHC-P 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	12L05M35
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant protein expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-LC3B antibody [12L05M35] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	MAP1LC3B.
Uniprot ID	Q9GZQ8
Gene ID	81631
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.



Immunohistochemistry analysis of paraffin-embedded Human Brain Tissue using LC3B antibody [12L05M35]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.