MAP1LC3B Monoclonal Antibody

catalog number: **E-AB-22132**

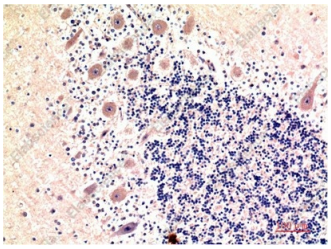
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Protein of LC3B of MAP1LC3B
Host	Mouse
Isotype	Mouse IgG
Clone	6E4
Purification	Protein A purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:100-200

Data



Immunohistochemistry of paraffin-embedded Human brain tissue using MAP1LC3B Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.
MAP1LC3B (Microtubule Associated Protein 1 Light Chain 3 Beta) is a Protein Coding gene. Diseases associated with MAP1LC3B include Sporadic Pheochromocytoma and Lacrimal Gland Adenocarcinoma. Among its related pathways are Vesicle-mediated transport and Senescence and Autophagy in Cancer. GO annotations related to this gene include microtubule binding. An important paralog of this gene is MAP1LC3B2.

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