

Anti-LC3B Antibody (8A891)

Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	8A891
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human LC3B / MAP1LC3B protein (TMPY-03749)
Antigen Species:	Human
Synonyms:	microtubule-associated protein 1 light chain 3 β ;ATG8F;LC3B;microtubule-associated protein 1 light chain 3 beta;MAP1A/1BLC3;MAP1LC3B-a

Research Background

MAP1LC3B (Microtubule Associated Protein 1 Light Chain 3 beta, also known as LC3B) is a Protein Coding gene. 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. LC3B is a member of the MAP1 LC3 family. It is most abundantly expressed in the heart, brain, skeletal muscle, and testis. LC3B is a subunit of the neuronal microtubule and functions in the formation of autophagosomal vacuoles (autophagosomes). It is associated with MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. LC3B also plays a role in autophagy, a process that involves the bulk degradation of the cytoplasmic component.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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