

Mouse Monoclonal Antibody to MAP1LC3B

Catalogue Number	sAP-0713
Target Molecule	Name: MAP1LC3B Aliases: LC3B; ATG8F; MAP1A/1BLC3 MW: 14.6kDa Entrez Gene ID: 81631
Description	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.
Immunogen	Purified recombinant fragment of human MAP1LC3B expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM5H12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Clin Lab Anal. 2009;23(4):249-58. ; 2. Ai Zheng. 2008 Jan;27(1):25-9. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**