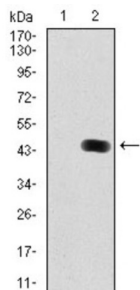
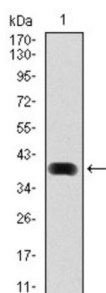


Microtubule-Associated Proteins 1A/1B Light Chain 3B (MAP1LC3B) Antibody

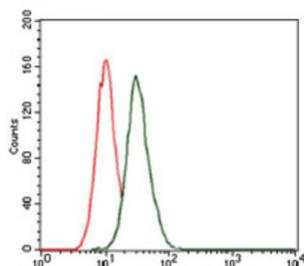
Catalogue No.: abx011686



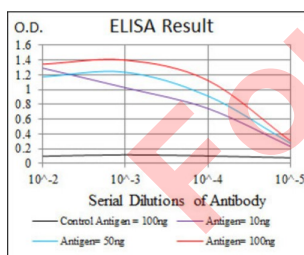
Western blot analysis using MAP1LC3B antibody against human MAP1LC3B (AA: 1-125) recombinant protein. (Expected MW is 40.2 kDa).



Western blot analysis using MAP1LC3B antibody against HEK293 (1) and MAP1LC3B (AA: 1-125)-hlgGfc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of HeLa cells using MAP1LC3B antibody (green) and negative control (red).



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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.

Target:

Microtubule-Associated Proteins 1A/1B Light Chain 3B (MAP1LC3B)

Datasheet

Version: 2.0.0
Revision date: 05 Apr 2025



Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human MAP1LC3B expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9GZQ8 (UniProt , ExPASy)
Gene Symbol:	MAP1LC3B
GeneID:	81631
OMIM:	609604
HGNC:	13352
Ensembl:	ENSG00000140941
String:	9606.ENSP00000268607
Molecular Weight:	14.6 kDa
Buffer:	Ascitic fluid containing 0.03% sodium azide.
Concentration:	Not determined.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.