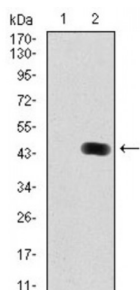


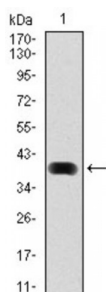
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Microtubule-Associated Proteins 1A/1B Light Chain 3B (MAP1LC3B) Antibody

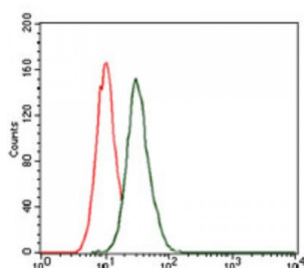
Catalogue No.: abx011686



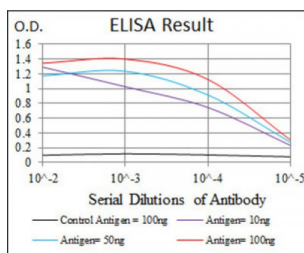
Western blot analysis using MAP1LC3B antibody against human MAP1LC3B (AA: 1-125) recombinant protein. (Expected MW is 40.2 kDa).



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: MAP1LC3B

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Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Tested Applications: ELISA, WB, FCM

Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Purified recombinant fragment of human MAP1LC3B expressed in E. Coli.

Purification: Unpurified Ascites.

Isotype: IgG₁

Conjugation: Unconjugated

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Molecular Weight: 14.6 kDa

Swiss Prot: [Q9GZQ8](#)

GeneID: [81631](#)

Gene Symbol: MAP1LC3B

OMIM: [609604](#)

HGNC: 13352

Ensembl: ENSG00000140941

Buffer: Ascitic fluid containing 0.03% sodium azide.

Note: This product is for research use only.