Product Name: **MAP1LC3A Mouse Monoclonal Antibody**
Catalog #: **AMM83038**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	14.3kDa

Antigen Information

Gene Name	MAP1LC3A
Alternative Names	LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3
Gene ID	84557.0
SwissProt ID	Q9H492
Immunogen	Purified recombinant fragment of human MAP1LC3A (AA: 1-121) expressed in E. Coli.

Background

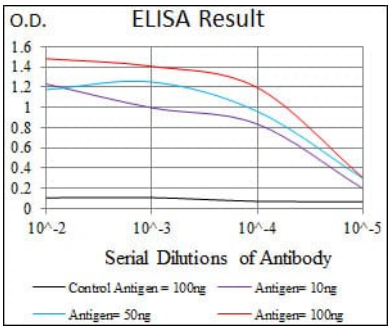
MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two

transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be involved in carcinogenesis.

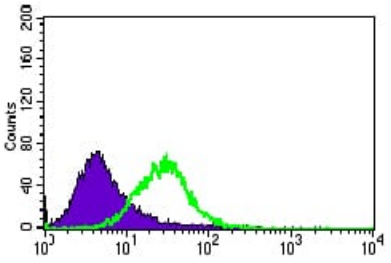
Research Area

Autophagy

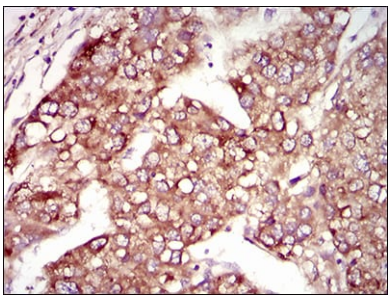
Image Data



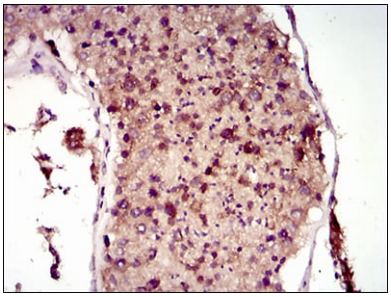
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Flow cytometric analysis of HeLa cells using MAP1LC3A mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using MAP1LC3A mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human testis tissues using MAP1LC3A mouse mAb with DAB staining.