

产品名称: MAP1LC3B Mouse Monoclonal Antibody
产品货号: AMM81130



产品概述 (Summary)

产品名称 (Production Name)	MAP1LC3B Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC, ELISA, FC
种属反应性 (Reactivity)	Human, Mouse, Rat, Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	PBS containing 0.03% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MAP1LC3B
别名 (Alternative Names)	LC3B; ATG8F; MAP1A/1BLC3
基因 ID (Gene ID)	81631.0
蛋白 ID (SwissProt ID)	Q9GZQ8. Purified recombinant fragment of human MAP1LC3B expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:100, ICC 1:50-1:100, ELISA 1:5000-1:20000, FC 1:200-1:400
蛋白分子量 (Molecular Weight)	14.6kDa

研究背景 (Background)

The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved

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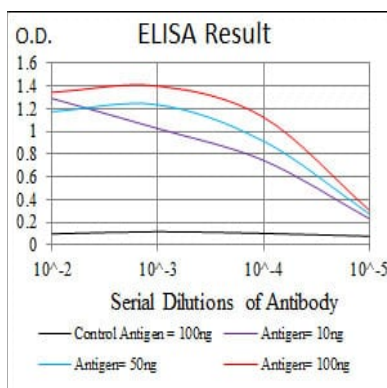


in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.

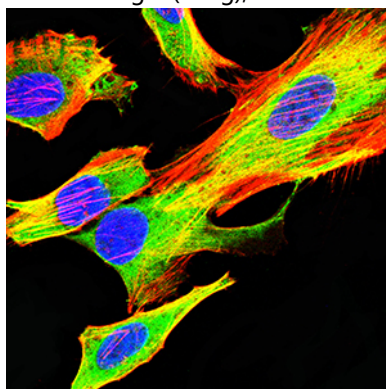
研究领域 (Research Area)

Autophagy

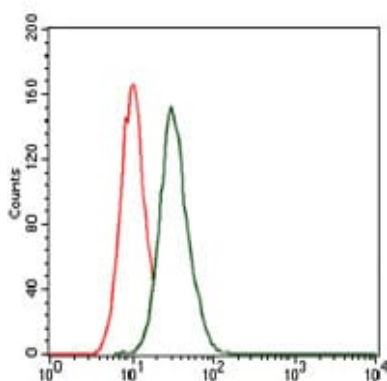
图片 (Image Data)



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

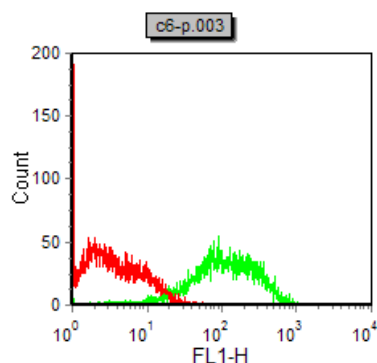


Immunofluorescence analysis of HeLa cells using MAP1LC3B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

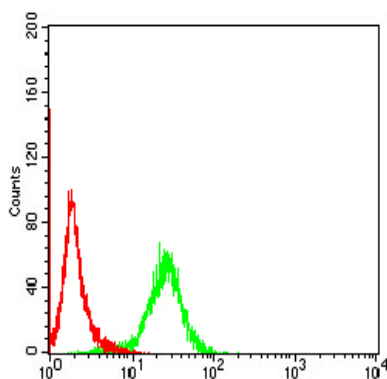


Flow cytometric analysis of HeLa cells using MAP1LC3B mouse mAb (green) and negative control (red).

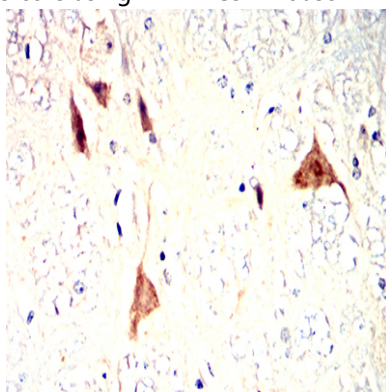
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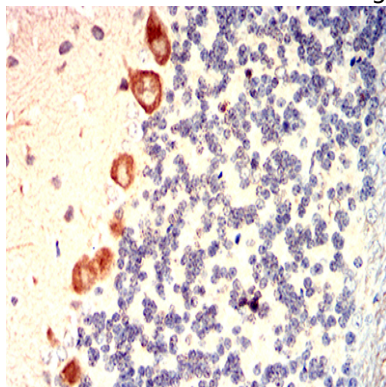
Flow cytometric analysis of C6 cells using MAP1LC3B mouse mAb (green) and negative control (red).



Flow cytometric analysis of NIH/3T3 cells using MAP1LC3B mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded Mouse cerebellum using MAP1LC3B mouse mAb with DAB staining.



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Immunohistochemical analysis of paraffin-embedded Rat cerebellum using MAP1LC3B mouse mAb with DAB staining.

注意事项 (Note)

For research use only .