

Anti-MAP1LC3A antibody [5G10] (STJ97755)

STJ97755

GENERAL INFORMATION

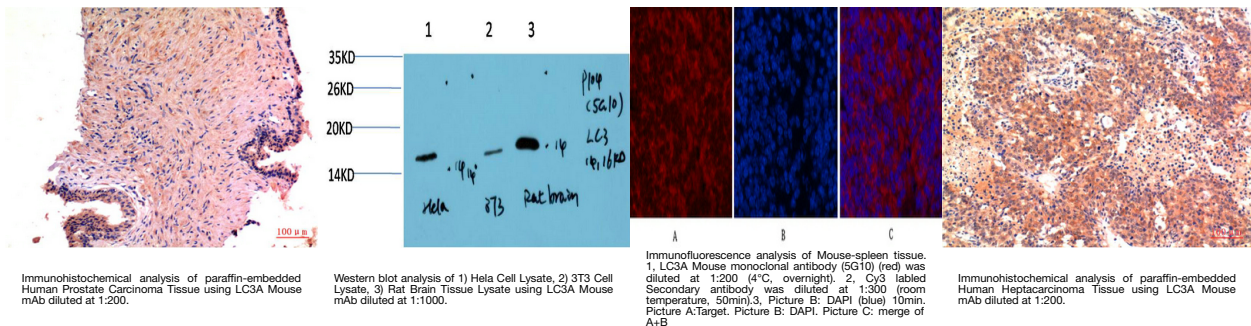
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Microtubule-Associated Proteins 1a/1b Light Chain 3a is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry and Immunohistochemistry research applications.
Applications	WB, IF, ICC, IHC-P
Host/Source	Mouse
Reactivity	Human, Rat, Mouse

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	5G10
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:1000-2000 IHC 1:100-200 IF 1:200
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	84557
Gene Symbol	MAP1LC3A
Uniprot ID	MLP3A_HUMAN
Immunogen	Synthetic peptide of LC3A
Region	
Specificity	MAP1LC3A monoclonal antibody (Microtubule-Associated Proteins 1a/1b Light Chain 3a) binds to endogenous Microtubule-Associated Proteins 1a/1b Light Chain 3a.
Immunogen Sequence	



Immunohistochemical analysis of paraffin-embedded Human Prostate Carcinoma Tissue using LC3A Mouse mAb diluted at 1:200.

Western blot analysis of 1) HeLa Cell Lysate, 2) 3T3 Cell Lysate, 3) Rat Brain Tissue Lysate using LC3A Mouse mAb diluted at 1:1000.

Immunofluorescence analysis of Mouse-spleen tissue. 1. LC3A Mouse monoclonal antibody (5G10) (red) was diluted at 1:200 (4°C, overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50min). 3. Picture B: DAPI (blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

Immunohistochemical analysis of paraffin-embedded Human Hepaticarcinoma Tissue using LC3A Mouse mAb diluted at 1:200.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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