

Mouse LC3A Monoclonal Antibody | anti-LC3A antibody

LC3A mouse Monoclonal Antibody (5G10)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28910	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

LC3A; Monoclonal Antibody; LC3A mouse Monoclonal Antibody (5G10); Microtubule-associated proteins 1A/1B light chain 3A (Autophagy-related protein LC3 A)(Autophagy-related ubiquitin-like modifier LC3 A)(MAP1 light chain 3-like protein 1)(MAP1A/MAP1B light chain 3 A)(MAP1A/MAP1B LC3 A)(Microtubule-associated protein 1 light chain 3 alpha); anti-LC3A antibody

PRODUCT SPECIFICATIONS

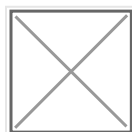
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	5G10
Applicable Applications for anti-LC3A antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



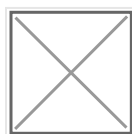
Application Data

Dilution: WB 1:1000-2000, IHC 1:100-200 IF 1:200



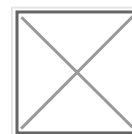
Application Data

Dilution: WB 1:1000-2000, IHC 1:100-200 IF 1:200



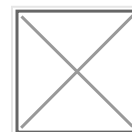
IF (Immunofluorescence)

Dilution: WB 1:1000-2000, IHC 1:100-200 IF 1:200



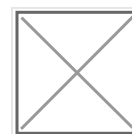
Application Data

Dilution: WB 1:1000-2000, IHC 1:100-200 IF 1:200



IF (Immunofluorescence)

Dilution: WB 1:1000-2000, IHC 1:100-200 IF 1:200



IHC (Immunohistochemistry-Paraffin)

Dilution: WB 1:1000-2000, IHC 1:100-200 IF 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-LC3A antibody	Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes)(PubMed:24290141). Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation (PubMed:20713600).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	85701362
NCBI GeneID	84557
UniProt Accession #	Q9H492; Q9BXW5; E1P5P4; E1P5P5
Molecular Weight	14,272 Da
NCBI Official Full Name	Microtubule-associated proteins 1A/1B light chain 3A
NCBI Official Synonym Full Names	microtubule-associated protein 1 light chain 3 alpha
NCBI Official Symbol	MAP1LC3A
NCBI Official Synonym Symbols	LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3
NCBI Protein Information	microtubule-associated proteins 1A/1B light chain 3A; MAP1A/MAP1B LC3 A; MAP1A/1B light chain 3 A; MAP1A/MAP1B light chain 3 A; MAP1 light chain 3-like protein 1; autophagy-related ubiquitin-like modifier LC3 A
UniProt Protein Name	Microtubule-associated proteins 1A/1B light chain 3A
UniProt Gene Name	MAP1LC3A
UniProt Synonym Gene Names	MAP1A/MAP1B LC3 A
UniProt Entry Name	MLP3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lc3a-antibody-clone-5g10-western-blot-immunohistochemistry-immunofluorescence-elisa/28910>