

Anti-MAP1LC3B antibody (1-125) [S5MM] (STJ119545)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Mouse
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

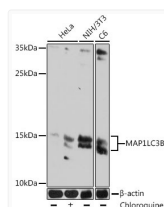
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG2ak
Molecular Weight	Protein Mw: 15kDa Observed Mw: 14-15kDa
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	81631
Gene Symbol	MAP1LC3B
UniProt ID	MLP3B_HUMAN
Immunogen Region	1-125
Immunogen Sequence	MPSEKTFKQRRTFEQRVEDV RLIREQHPTKIPVIERYKG EKQLPVLDTKFLVPDHVNM SELIKIIRRLQLNANQAFF LLVNGHSMVSVSTPISEVYE SEKDEDEGFLYVMVYASQETFG MKLSV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-125 of human LC3B (NP_073729.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using LC3B Mouse monoclonal antibody (STJ119545) at 1:1000 dilution. HeLa cells were treated by Chloroquine (50 μ M) at 37 °C for 20 hours. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.