

Summary

Production Name	LC3B Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	MAP1LC3B
Alternative Names	MAP1LC3B
Gene ID	81631
SwissProt ID	Q9GZQ8

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/50
Molecular Weight	Calculated MW: 15 kDa; Observed MW: 14,16 kDa

Background

Product Name: LC3B Rabbit Monoclonal Antibody
Catalog #: AMRe03899

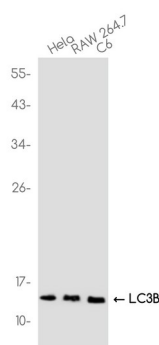


Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production.

Research Area

Signal Transduction

Image Data



Western blot analysis of LC3B in HeLa, RAW 264.7, C6 lysates using LC3B antibody.

Note

For research use only.