

Cat. No:	AB-83557
Conjugate:	Unconjugated
Size:	100 ul
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-60 of human LC3A
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry (paraffin-embedded tissues): 1:50 - 1:200 Immunofluorescence: Immunocytochemistry: 1:50 - 1:200
Molecular Weight:	14-16kDa
Purification:	Purified
Synonyms:	MAP1LC3B; ATG8F; LC3B; MAP1A/1BLC3; MAP1LC3B-a; MAP1LC3A; ATG8E; LC3; LC3A; MAP1ALC3; MAP1BLC3; LC3A/LC3B
Background:	MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that it may be involved in carcinogenesis.
Form:	Liquid
Buffer:	PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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