



MAP1LC3A blocking peptide (CDBP5722)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 may be involved in carcinogenesis. [provided by RefSeq, Feb 2012]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	MAP1LC3A microtubule-associated protein 1 light chain 3 alpha [Homo sapiens (human)]
Official Symbol	MAP1LC3A
Synonyms	MAP1LC3A; microtubule-associated protein 1 light chain 3 alpha; LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3; microtubule-associated proteins 1A/1B light chain 3A; MAP1A/MAP1B LC 3 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; microtubule-associated proteins 1A/1B light chain 3

Entrez Gene ID	84557
mRNA Refseq	NM_032514
Protein Refseq	NP_115903
UniProt ID	Q9H492
Pathway	Senescence and Autophagy
Function	phosphatidylethanolamine binding; phospholipid binding; protein binding