

Product datasheet for **LY300232**

MAP1LC3A Human Knockdown Lysate

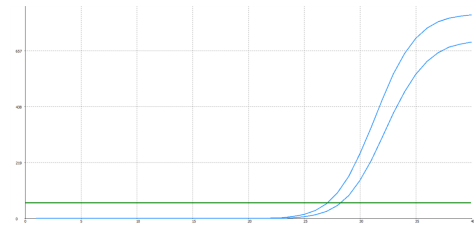
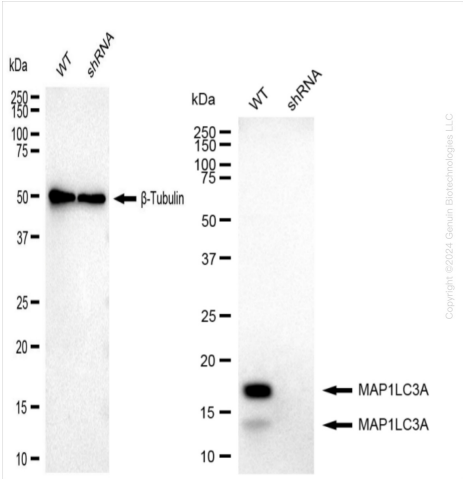
Product data:

Product Type:	Knockdown Lysates
Description:	WB-validated MAP1LC3A Knockdown HeLa Cell Lysate
Species:	Human
Expression Host:	HeLa
Tag:	Tag Free
Synonyms:	MAP1LC3A; Microtubule Associated Protein 1 Light Chain 3 Alpha; MAP1BLC3; MAP1ALC3; ATG8E; LC3A; LC3; Microtubule-Associated Proteins 1A/1B Light Chain 3A; 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; Microtubule-Associated Proteins 1A/1B Light Chain 3; Autophagy-Related Protein LC3 A; MAP1A/1B Light Chain 3 A
Predicted MW:	14 kDa
Components:	1 vial of 100 ug WT HeLa cell lysate 1 vial of 100 ug MAP1LC3A KD HeLa cell lysate
Storage:	Store at -20 °C for two years.
Concentration:	Lot-specific
Buffer:	IntactProtein Cell-Tissue Lysis buffer
Locus ID:	84557
UniProt ID:	Q9H492



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Product images:



Genotype	Ct Value
Wild-Type	26.96
Knock-Down	27.89
Δ Ct (Ct _{KD} -Ct _{WT})	0.93
% mRNA Reduction	↓ 48%

RT-qPCR analysis. HeLa cells were infected with MAP1LC3A-specific shRNA lentiviral particles, total RNA was extracted from wild-type and knockdown cells, RT-qPCR was performed using gene-specific primers. Δ Ct (Ct_{KD}-Ct_{WT}) was used to calculate mRNA reduction (%) between wild-type and knockdown cells using the following formula: $(1-1/2^{\Delta$ Ct) x 100%.