

LC3B antibody [GT1187]

Cat. No. GTX00949

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

References (2) Package 100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

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Suggested dilution	Recommended dilution	
WB	1:500 - 1:2000	
ICC/IF	1:50 - 1:200	
IHC-P	1:50 - 1:200	
Not tested in other applications.		
Calculated MW	15 kDa. (<u>Note</u>)	
Observed MW (kDa)	14. 16 kDa. The observed M.W. is based on the following publication. PMID: 31576176	

Properties	
Form	Liquid
Buffer	PBS, 0.05% BSA, 50% Glycerol
Preservative	0.05% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	A synthetic peptide of human LC3B.
Purification	Purified by affinity chromatography
Conjugation	Unconjugated



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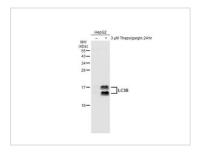


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Note

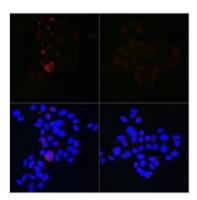
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DATA IMAGES



GTX00949 WB Image

Untreated (–) and treated (+) HepG2 whole cell extracts (30 μ g) were separated by 15% SDS-PAGE, and the membrane was blotted with LC3B antibody [GT1187] (GTX00949) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX00949 ICC/IF Image

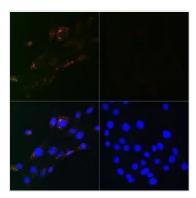
ICC/IF analysis of PFA-fixed HeLa cells with/without Chloroquine (50 μ M, 37°C, 20 hrs) treatment using GTX00949 LC3B antibody [GT1187].

Right: untreated HeLa cells

Left : HeLa cells with 50 μ M Chloroquine (20 hrs, 37°C) treatment

Orange: Primary antibody

Blue : DAPI Dilution : 1:100



GTX00949 ICC/IF Image

ICC/IF analysis of PFA-fixed NIH-3T3 cells with/without Chloroquine (50 μ M, 37°C, 20 hrs) treatment using GTX00949 LC3B antibody [GT1187].

Right: untreated NIH-3T3 cells

Left : NIH-3T3 cells with 50 μ M Chloroquine (20 hrs, 37°C) treatment

Orange: Primary antibody

Blue : DAPI Dilution : 1:100



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