

LC3B antibody [GT1187]

Cat. No. GTX00949

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

Package
100 µl

APPLICATION

Application Note

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

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. (Note)
Observed MW	14, 16 kDa. The observed M.W. is based on the following publication. PMID: 31576176

PROPERTIES

Form	Liquid
Buffer	PBS, 50% Glycerol
Preservative	0.02% Sodium azide
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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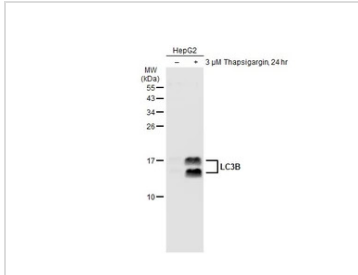
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Note

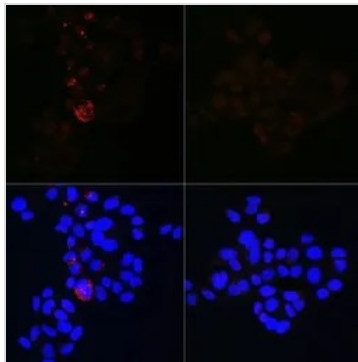
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DATA IMAGES



GTx00949 WB Image

Untreated (–) and treated (+) HepG2 whole cell extracts (30 μg) 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 μM, 37°C, 20 hrs) treatment using GTx00949 LC3B antibody [GT1187].

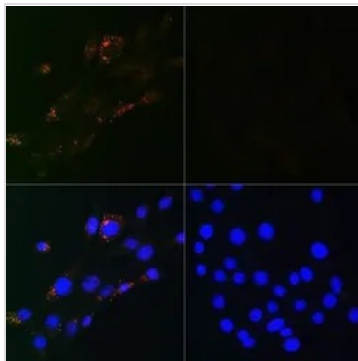
Right : untreated HeLa cells

Left : HeLa cells with 50 μM 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 μM, 37°C, 20 hrs) treatment using GTx00949 LC3B antibody [GT1187].

Right : untreated NIH-3T3 cells

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

Orange : Primary antibody

Blue : DAPI

Dilution : 1:100



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