

## LC3B antibody [N1C3]

Cat. No. GTX116080

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

References ( 3 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
FCM	1:50-1:200

Not tested in other applications.

Calculated MW 15 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% 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	0.37 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length human LC3B Recombinant protein.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

## Note

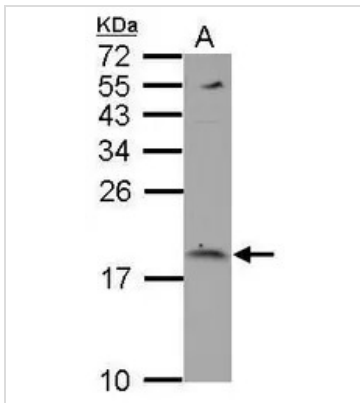
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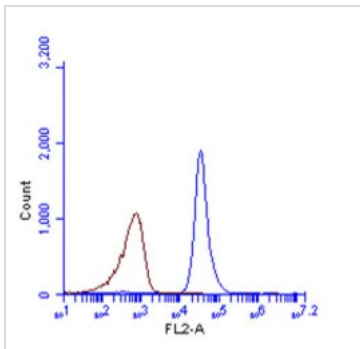
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DATA IMAGES



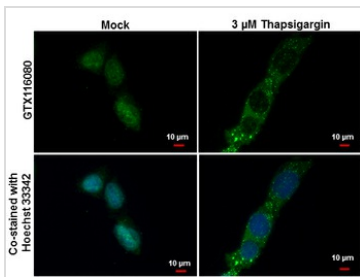
**GTX116080 WB Image**

Sample (30 ug of whole cell lysate)  
A: U87-MG  
15% SDS PAGE  
GTX116080 diluted at 1:1000



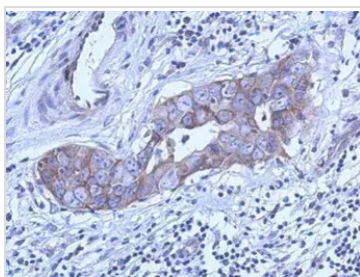
**GTX116080 FCM Image**

LC3B antibody [N1C3] (GTX116080) detects LC3B protein by flow cytometry analysis.  
Sample: HeLa cell fixed in 4% paraformaldehyde at 4°C for 5 min.  
Brown: Unlabelled sample was also used as a control.  
Blue: LC3B antibody [N1C3] (GTX116080) dilution: 1:100.  
Acquisition of >20,000 events were collected using Argon ion laser (488nm) and 525/30 bandpass filter.



**GTX116080 ICC/IF Image**

LC3B antibody [N1C3] detects LC3B protein at autophagosome by immunofluorescent analysis.  
Samples: Hep G2 cells mock (left) and treated with 3 μM Thapsigargin for 12 hrs (right) were fixed in ice-cold MeOH for 10 min and permeabilized with ice-cold acetone for 1 min.  
Green: LC3B protein stained by LC3B antibody [N1C3] (GTX116080) diluted at 1:500.  
Blue: Hoechst 33342 staining.  
Scale bar = 10 μm.



**GTX116080 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded human Breast carcinoma, using LC3B(GTX116080) antibody at 1:500 dilution.  
Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



For full product information, images and publications, please visit our [website](https://www.genetex.com).