

LC3A/B antibody

Catalog Number: 107373

Product name

LC3A/B antibody

Specificity

Human, Pig; other species not tested.

Antibody description

LC3A/B Mouse Monoclonal antibody. Positive IHC detected in human skeletal muscle tissue, human liver tissue. Positive FC detected in HeLa cells. Positive WB detected in human brain tissue, HeLa/HepG2 cells, pig brain tissue. Observed molecular weight by Western-blot: 14 kDa, 16 kDa

Preparation

This antibody was obtained by immunization of recombinant protein (Accession Number: NM_032514). Purification method: Protein G purified.

Formulation

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Storage

Store at -20°C. DO NOT ALIQUOT

Clonality

Monoclonal

Ig Type

Mouse IgG1

Applications

ELISA, IHC, WB, FC

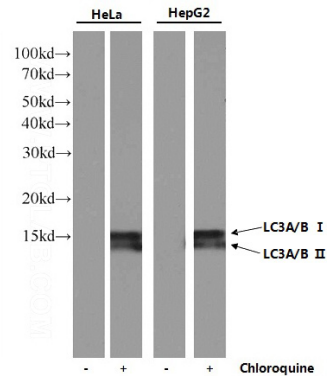
Dilutions

Recommended Dilution:

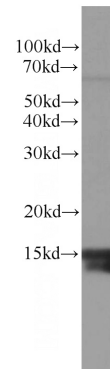
WB: 1:500-1:5000

IHC: 1:20-1:200

Validations



Western Blot analysis of MAP1LC3A/B in HeLa and HepG2 cells untreated/treated with 50µM chloroquine overnight using Catalog No:107373 (MAP1LC3A/B monoclonal antibody) at dilution of



1:1000.

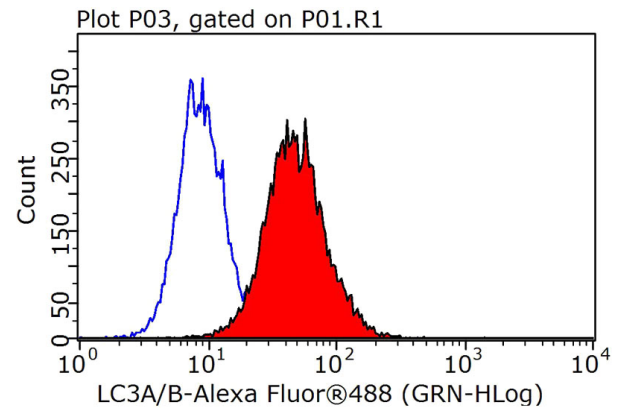
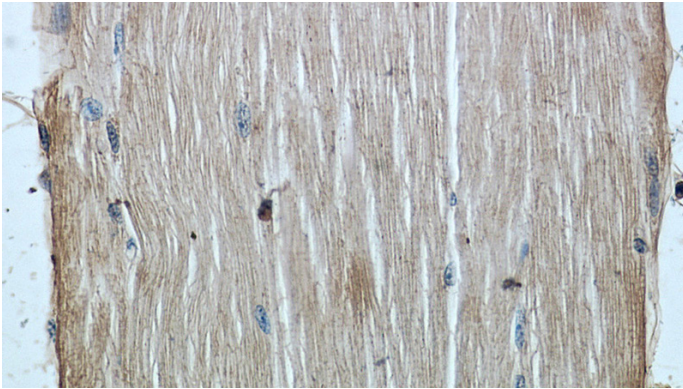
human brain tissue were subjected to SDS PAGE followed by western blot with Catalog No:107373(LC3A/B antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human skeletal muscle slide using Catalog No:107373(LC3A/B Antibody) at dilution of 1:500

LC3A/B antibody

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Immunohistochemistry of paraffin-embedded human skeletal muscle slide using Catalog No:107373(LC3A/B Antibody) at dilution of 1:50

1×10^6 HeLa cells were stained with 0.2ug LC3A/B antibody (Catalog No:107373, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.