

Anti-MAP1LC3A Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Chicken, Pig, Cow)
Molecular Weight:	Theoretical: 14 kDa.
Purification:	Protein A purified

Applications

1. Tissue/cell: human glioma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-LC3 α /MAP1A/MAP LC3 Alpha/Beta Polyclonal Antibody, Unconjugated (TMAB-08558) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining

2. Blank control (blue line): Hela (blue).

Primary Antibody (green line): Rabbit Anti-MAP1LC3A antibody (TMAB-08558)

Dilution: 0.2 μ g / 10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE

Dilution: 1 μ g / test.

Protocol

The cells were fixed with 70% ethanol (Overnight at 4°C) and then permeabilized with 90% ice-cold methanol for 30 min at -20°C. Cells stained with Primary Antibody for 30 min at room temperature. The cells were then incubated in 1 X PBS/2%BSA/10% goat serum to block non-specific protein-protein interactions followed by the antibody for 15 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

3. Blank control: RAW264.7.

Primary Antibody (green line): Rabbit Anti-MAP1LC3A antibody (TMAB-08558)

Dilution: 2 μ g/Test;

Secondary Antibody: Goat anti-rabbit IgG-FITC

Dilution: 0.5 μ g/Test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

4. Blank control: RAW264.7.

Primary Antibody (green line): Rabbit Anti-MAP1LC3A antibody (TMAB-08558)

Dilution: 2 μ g/Test;

Secondary Antibody: Goat anti-rabbit IgG-FITC

Dilution: 0.5 μ g/Test.

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with

Verified Activity:

A DRUG SCREENING EXPERT

0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Application: IHC-P,IHC-Fr,IF,FCM

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 2µg/Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human MAP1LC3A

Antigen Species: Human

Gene ID: 84557

Uniprot ID: Q9H492

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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