Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 6, 2025

LC3B (E5Q2K) Mouse mAb

RRID:AB_2800018
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 83506, RRID:AB_2800018)

Antibody Information

URL: http://antibodyregistry.org/AB_2800018

Proper Citation: (Cell Signaling Technology Cat# 83506, RRID:AB_2800018)

Target Antigen: LC3B

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC

Antibody Name: LC3B (E5Q2K) Mouse mAb

Description: This monoclonal targets LC3B

Target Organism: rat, mouse, human

Clone ID: Clone E5Q2K

Antibody ID: AB_2800018

Vendor: Cell Signaling Technology

Catalog Number: 83506

Record Creation Time: 20231110T032800+0000

Record Last Update: 20240725T045954+0000

Ratings and Alerts

No rating or validation information has been found for LC3B (E5Q2K) Mouse mAb.

No alerts have been found for LC3B (E5Q2K) Mouse mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Rockhold JD, et al. (2024) Everolimus alleviates CD4+ T cell inflammation by regulating autophagy and cellular redox homeostasis. GeroScience, 46(6), 5681.

Tam TH, et al. (2024) Pain hypersensitivity is dependent on autophagy protein Beclin 1 in males but not females. Cell reports, 43(6), 114293.

Hao M, et al. (2024) In vivo CRISPR knockout screen identifies p47 as a suppressor of HER2+ breast cancer metastasis by regulating NEMO trafficking and autophagy flux. Cell reports, 43(2), 113780.

Zhu Y, et al. (2023) Macrophage autophagy deficiency-induced CEBPB accumulation alleviates atopic dermatitis via impairing M2 polarization. Cell reports, 42(11), 113430.

Iguchi A, et al. (2023) INPP5D modulates TREM2 loss-of-function phenotypes in a ?-amyloidosis mouse model. iScience, 26(4), 106375.

Puri C, et al. (2023) Mammalian autophagosomes form from finger-like phagophores. Developmental cell, 58(23), 2746.

Tang T, et al. (2023) Aloperine targets lysosomes to inhibit late autophagy and induces cell death through apoptosis and paraptosis in glioblastoma. Molecular biomedicine, 4(1), 42.

Festa BP, et al. (2023) Microglial-to-neuronal CCR5 signaling regulates autophagy in neurodegeneration. Neuron, 111(13), 2021.

Ding Y, et al. (2023) Early protection against bone stress injuries by mobilization of endogenous targeted bone remodeling. iScience, 26(9), 107605.

Yiu SPT, et al. (2023) An Epstein-Barr virus protein interaction map reveals NLRP3 inflammasome evasion via MAVS UFMylation. Molecular cell, 83(13), 2367.

Shen W, et al. (2022) NRBF2 regulates the chemoresistance of small cell lung cancer by interacting with the P62 protein in the autophagy process. iScience, 25(6), 104471.

Ito J, et al. (2021) Iron derived from autophagy-mediated ferritin degradation induces cardiomyocyte death and heart failure in mice. eLife, 10.

Wang H, et al. (2021) PTEN alleviates maladaptive repair of renal tubular epithelial cells by restoring CHMP2A-mediated phagosome closure. Cell death & disease, 12(12), 1087.

Liu R, et al. (2021) Choline kinase alpha 2 acts as a protein kinase to promote lipolysis of lipid droplets. Molecular cell, 81(13), 2722.

Li Z, et al. (2021) Acetyl-CoA Synthetase 2: A Critical Linkage in Obesity-Induced Tumorigenesis in Myeloma. Cell metabolism, 33(1), 78.

Chen L, et al. (2020) Metformin mitigates gastrointestinal radiotoxicity and radiosensitises P53 mutation colorectal tumours via optimising autophagy. British journal of pharmacology, 177(17), 3991.

He A, et al. (2020) Acetyl-CoA Derived from Hepatic Peroxisomal ?-Oxidation Inhibits Autophagy and Promotes Steatosis via mTORC1 Activation. Molecular cell, 79(1), 30.