

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 10, 2025

## LC3A (D50G8) XP Rabbit mAb

RRID:AB\_10548192

Type: Antibody

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### Proper Citation

(Cell Signaling Technology Cat# 4599, RRID:AB\_10548192)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10548192](http://antibodyregistry.org/AB_10548192)

**Proper Citation:** (Cell Signaling Technology Cat# 4599, RRID:AB\_10548192)

**Target Antigen:** LC3A (D50G8) XP Rabbit mAb

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IHC-P. Consolidation on 10/2018: AB\_10548192, AB\_10858227.

**Antibody Name:** LC3A (D50G8) XP Rabbit mAb

**Description:** This monoclonal targets LC3A (D50G8) XP Rabbit mAb

**Target Organism:** dg, rat, h, canine, m, mouse, r, human, mk

**Antibody ID:** AB\_10548192

**Vendor:** Cell Signaling Technology

**Catalog Number:** 4599

**Record Creation Time:** 20241017T000155+0000

**Record Last Update:** 20241017T013543+0000

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### Ratings and Alerts

No rating or validation information has been found for LC3A (D50G8) XP Rabbit mAb.

No alerts have been found for LC3A (D50G8) XP Rabbit mAb.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 12 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Qin L, et al. (2024) Chronic hypoxia stabilizes 3 $\beta$ HSD1 via autophagy suppression. *Cell reports*, 43(1), 113575.

Yu YY, et al. (2022) Self-developed NF- $\kappa$ B inhibitor 270 protects against LPS-induced acute kidney injury and lung injury through improving inflammation. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 147, 112615.

Zhao X, et al. (2022) Irradiation combined with PD-L1-/- and autophagy inhibition enhances the antitumor effect of lung cancer via cGAS-STING-mediated T cell activation. *iScience*, 25(8), 104690.

Sakai K, et al. (2021) Functional inhibition of heat shock protein 70 by VER-155008 suppresses pleural mesothelioma cell proliferation via an autophagy mechanism. *Thoracic cancer*, 12(4), 491.

Nguyen TN, et al. (2021) ATG4 family proteins drive phagophore growth independently of the LC3/GABARAP lipidation system. *Molecular cell*, 81(9), 2013.

Zhang Y, et al. (2021) Treatment of acromegaly by rosiglitazone via upregulating 15-PGDH in both pituitary adenoma and liver. *iScience*, 24(9), 102983.

Yao Y, et al. (2020) Amino Acids Enhance Polyubiquitination of Rheb and Its Binding to mTORC1 by Blocking Lysosomal ATXN3 Deubiquitinase Activity. *Molecular cell*, 80(3), 437.

Kudo Y, et al. (2020) PKC $\delta$  Loss Induces Autophagy, Oxidative Phosphorylation, and NRF2 to Promote Liver Cancer Progression. *Cancer cell*, 38(2), 247.

Stavoe AK, et al. (2019) Expression of WIPI2B counteracts age-related decline in autophagosome biogenesis in neurons. *eLife*, 8.

Chino H, et al. (2019) Intrinsically Disordered Protein TEX264 Mediates ER-phagy. *Molecular cell*, 74(5), 909.

Man J, et al. (2018) Hypoxic Induction of Vasorin Regulates Notch1 Turnover to Maintain Glioma Stem-like Cells. *Cell stem cell*, 22(1), 104.

Biering SB, et al. (2017) Viral Replication Complexes Are Targeted by LC3-Guided Interferon-Inducible GTPases. *Cell host & microbe*, 22(1), 74.