

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

SQSTM1/p62 (D5L7G) Mouse mAb

RRID:AB_2800125

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 88588, RRID:AB_2800125

Antibody Information

URL: http://antibodyregistry.org/AB_2800125

Proper Citation: Cell Signaling Technology Cat# 88588, RRID:AB_2800125

Target Antigen: SQSTM1

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: SQSTM1/p62 (D5L7G) Mouse mAb

Description: This monoclonal targets SQSTM1

Target Organism: h

Clone ID: Clone D5L7G

Antibody ID: AB_2800125

Vendor: Cell Signaling Technology

Catalog Number: 88588

Record Creation Time: 20231110T032800+0000

Record Last Update: 20260829T091459+0000

Ratings and Alerts

No rating or validation information has been found for SQSTM1/p62 (D5L7G) Mouse mAb.

No alerts have been found for SQSTM1/p62 (D5L7G) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Luan L, et al. (2026) Cullin-3 adaptor SHKBP1 inhibits SQSTM1/p62 oligomerization and Keap1 sequestration. The Journal of cell biology, 225(4).

Sun J, et al. (2026) mTOR-NAA10-C7orf50 axis senses nutritional status to coordinate ribosome biogenesis and autophagy. Science advances, 12(20), eadz3835.

Ishikawa KI, et al. (2026) Suppression of ATM kinase signaling accelerates cellular senescence. Stem cell reports, 21(7), 102956.

Kim HJ, et al. (2025) GDF15 inhibits early-stage adipocyte differentiation by enhancing HOP2 expression and suppressing C/EBP β expression. Molecular and cellular endocrinology, 598, 112461.

Raghavendra AS, et al. (2025) Phase I trial of hydroxychloroquine to enhance palbociclib and letrozole efficacy in ER+/HER2- breast cancer. NPJ breast cancer, 11(1), 7.

Metur SP, et al. (2025) Yeast TIA1 coordinates with Npl3 to promote ATG1 translation during starvation. Cell reports, 44(2), 115316.

Ruan YH, et al. (2025) Intracellular IL1 β in Peritumoral Monocytes Induces IL8 Production and Inhibits Mitophagy to Promote Stemness and Metastasis of Hepatocellular Carcinoma. Cancer research, 85(21), 4164.

Koshizuka K, et al. (2025) Genome-Wide CRISPR Screening Reveals That mTOR Inhibition Initiates Ferritinophagy and Ferroptosis in Head and Neck Cancer. Cancer research, 85(16), 3032.

Jian F, et al. (2025) Deacetylated SNAP47 recruits HOPS to facilitate autophagosome-lysosome fusion independent of STX17. Nature communications, 16(1), 543.

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

Phelan JD, et al. (2024) Response to Bruton's tyrosine kinase inhibitors in aggressive lymphomas linked to chronic selective autophagy. Cancer cell, 42(2), 238.

Gentili M, et al. (2024) Classification and functional characterization of regulators of intracellular STING trafficking identified by genome-wide optical pooled screening. Cell systems, 15(12), 1264.

Wu Z, et al. (2024) Rab32 family proteins regulate autophagosomal components recycling. *The Journal of cell biology*, 223(3).

Wu Z, et al. (2024) Electron transport chain inhibition increases cellular dependence on purine transport and salvage. *Cell metabolism*, 36(7), 1504.

Gentili M, et al. (2024) Classification and functional characterization of regulators of intracellular STING trafficking identified by genome-wide optical pooled screening. *bioRxiv* : the preprint server for biology.

Yang S, et al. (2024) Inhibition of cathepsin L ameliorates inflammation through the A20/NF- κ B pathway in endotoxin-induced acute lung injury. *iScience*, 27(11), 111024.

Xue W, et al. (2024) Cardioprotective effect of Cinnamamide derivative compound 10 against myocardial ischemia-reperfusion through regulating cardiac autophagy via Sirt1. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 176, 116819.

Gardner JJ, et al. (2024) Oxidative stress induces release of mitochondrial DNA into the extracellular space in human placental villous trophoblast BeWo cells. *American journal of physiology. Cell physiology*, 326(6), C1776.

Li J, et al. (2024) The role of age-associated alpha-synuclein aggregation in a conditional transgenic mouse model of Parkinson's disease: Implications for Lewy body formation. *Journal of neurochemistry*, 168(7), 1215.

Wang Y, et al. (2023) ULK phosphorylation of STX17 controls autophagosome maturation via FLNA. *The Journal of cell biology*, 222(8).