

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Anti-Human LC3 Polyclonal Antibody

RRID:AB_2274121

Type: Antibody

Proper Citation

MBL International Cat# PM036, RRID:AB_2274121

Antibody Information

URL: http://antibodyregistry.org/AB_2274121

Proper Citation: MBL International Cat# PM036, RRID:AB_2274121

Target Antigen: LC3

Host Organism: rabbit

Clonality: polyclonal

Comments: manufacturer recommendations: Immunocytochemistry; Western Blot; Western Blot, Immunocytochemistry

Antibody Name: Anti-Human LC3 Polyclonal Antibody

Description: This polyclonal targets LC3

Target Organism: rat, mouse, human

Antibody ID: AB_2274121

Vendor: MBL International

Catalog Number: PM036

Record Creation Time: 20250820T005141+0000

Record Last Update: 20250820T092331+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Human LC3 Polyclonal Antibody.

No alerts have been found for Anti-Human LC3 Polyclonal Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 72 mentions in open access literature.

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

Nardone C, et al. (2025) A heterotrimeric protein complex assembles the metazoan V-ATPase upon dissipation of proton gradients. *Nature structural & molecular biology*.

Yamashita SI, et al. (2025) The mitophagy receptors BNIP3 and NIX mediate tight attachment and expansion of the isolation membrane to mitochondria. *The Journal of cell biology*, 224(7).

Kitab B, et al. (2025) Ribonucleotide reductase subunit M2 mediates the mTOR pathway to recruit furin endoprotease and promote maturation of dengue virus. *iScience*, 28(12), 113998.

Xu Y, et al. (2025) The cGAS-STING pathway activates transcription factor TFEB to stimulate lysosome biogenesis and pathogen clearance. *Immunity*, 58(2), 309.

Toifl S, et al. (2025) RAF1 kinase contributes to autophagic lysosome reformation. *Cell reports*, 44(4), 115490.

Oh S, et al. (2025) A role for CASM in the repair of damaged Golgi architecture. *bioRxiv : the preprint server for biology*.

Tan ZY, et al. (2025) Development of an FKBP12-recruiting chemical-induced proximity DNA-encoded library and its application to discover an autophagy potentiator. *Cell chemical biology*, 32(3), 498.

Dhar K, et al. (2025) Programmed cell revival from imminent cell death enhances tissue repair and regeneration. *The EMBO journal*.

Albuayjan HHH, et al. (2025) Role of galectin-9 in the development of gestational diabetes mellitus. *Scientific reports*, 15(1), 18981.

Ho-Xuan H, et al. (2025) YTHDF proteins and m6A-RNA clients undergo autophagic turnover during contact inhibition. *Cell reports*, 44(9), 116188.

Xie H, et al. (2025) Identification of ATG7 as a protein ATG8ylation substrate. *Cell reports*, 44(11), 116485.

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

Mohan J, et al. (2024) ATG16L1 induces the formation of phagophore-like membrane cups. *Nature structural & molecular biology*, 31(9), 1448.

Weil R, et al. (2024) Phosphorylation of Optineurin by protein kinase D regulates Parkin-dependent mitophagy. *iScience*, 27(12), 111384.

Farahani E, et al. (2024) The HIF transcription network exerts innate antiviral activity in neurons and limits brain inflammation. *Cell reports*, 43(2), 113792.

Zheng D, et al. (2024) Human YKT6 forms priming complex with STX17 and SNAP29 to facilitate autophagosome-lysosome fusion. *Cell reports*, 43(2), 113760.

Sebasti n D, et al. (2024) TP53INP2-dependent activation of muscle autophagy ameliorates sarcopenia and promotes healthy aging. *Autophagy*, 20(8), 1815.

Gahlot P, et al. (2024) Lysosomal damage sensing and lysophagy initiation by SPG20-ITCH. *Molecular cell*.

Knupp J, et al. (2024) Sigma-1 receptor recruits LC3 mRNA to ER-associated omegasomes to promote localized LC3 translation enabling functional autophagy. *Cell reports*, 43(8), 114619.

Jung CH, et al. (2024) The N-degron pathway mediates the autophagic degradation of cytosolic mitochondrial DNA during sterile innate immune responses. *Cell reports*, 44(1), 115094.