Resource Summary Report

Generated by dkNET on Aug 16, 2026

Anti-mTOR Antibody, Unconjugated

RRID:AB_330978
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2972, RRID:AB_330978

Antibody Information

URL: http://antibodyregistry.org/AB_330978

Proper Citation: Cell Signaling Technology Cat# 2972, RRID:AB_330978

Target Antigen: mTOR

Clonality: unknown

Comments: Applications: W, IP. Consolidation on 9/2016: AB_10695460.

Antibody Name: Anti-mTOR Antibody, Unconjugated

Description: This unknown targets mTOR

Target Organism: rat, mouse, human

Antibody ID: AB_330978

Vendor: Cell Signaling Technology

Catalog Number: 2972

Alternative Catalog Numbers: 2972S

Record Creation Time: 20250819T212611+0000

Record Last Update: 20250819T225655+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community. Contact(s): Wei-Jun Qian, Rohit Kulkarni - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Anti-mTOR Antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 177 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

An P, et al. (2026) Repression of Polycomb Group Factor 1 Inhibits EMT Progression in Colon Cancers Cells via Wnt/?-Catenin and PI3K/Akt/mTOR Signaling Pathway. Digestive diseases and sciences.

Cao Y, et al. (2026) Targeting the ferritinophagy-lysosome axis as a therapeutic vulnerability in gastroenteropancreatic neuroendocrine tumors. Cell reports. Medicine, 7(4), 102695.

Chattergoon NN, et al. (2026) B-Raf is required for normal murine cardiac development and function. American journal of physiology. Regulatory, integrative and comparative physiology, 330(6), R590.

Lara Castillo NA, et al. (2026) Exercise beneficially reshapes fasted rat skeletal muscle involving the combined action of ?-hydroxybutyrate and palmitoleic acid. American journal of physiology. Cell physiology, 330(4), C1006.

Tian X, et al. (2026) Psychological stress drives aging-like hematopoietic stem cell dysfunction through a brain-gut-bone marrow axis. Cell stem cell, 33(7), 1205.

Smith MJ, et al. (2026) Persistent Human Quadriceps Muscle Volume Deficits Following ACL Reconstruction Are Associated With No Detectable Between-Leg Differences in Vastus Lateralis Muscle Signaling at Rest or Immediately Following Resistance Exercise. Scandinavian journal of medicine & science in sports, 36(7), e70343.

Zhang M, et al. (2026) Microglia prune developing cortical blood vessels through PD-1 signaling. Nature neuroscience.

Sunami T, et al. (2026) IGF2BP3 is essential for the growth heterogeneity of colorectal adenoma cells by regulating MYC. iScience, 29(7), 116535.

Yamauchi T, et al. (2026) Valine availability controls oncogenic cell-cycle progression through translation of D-type cyclins. Biochemical pharmacology, 246, 117706.

Kadam R, et al. (2026) Optineurin modulates mTORC2/AKT/STAT3 signaling to control MHC class II expression and adaptive immunity against HSV-1. Cell reports, 45(4), 117263.

Liu SS, et al. (2026) Epigenetic regulation of NDGA and its synergistic inhibition with EZH2 inhibitors in prostate cancer via NRP1. Acta pharmacologica Sinica, 47(6), 1643.

Li G, et al. (2026) Non-enzymatic ABHD6 interacts with Akt-FoxO1 axis to regulate selective hepatic insulin resistance. bioRxiv : the preprint server for biology.

Park SJ, et al. (2026) Mechanism by which a linoleic acid metabolite suppresses cancer cell growth by inhibiting mTOR. Cell chemical biology, 33(5), 637.

Sajan MP, et al. (2026) Progranulin deficiency in the brain activates an insulin signaling pathway that may promote neurodegeneration. iScience, 29(5), 115720.

Gu Z, et al. (2026) High intensity 40 Hz flicker improves amyloid pathology and cognition with autophagy in 3xTg mice. iScience, 29(6), 115994.

Han S, et al. (2026) Celecoxib potentiates ribociclib-induced apoptosis and anti-tumor activity by co-targeting COX-2/NF-?B and PI3K/AKT/mTOR pathways in hormone receptor-positive/HER2-negative breast cancer. Apoptosis : an international journal on programmed cell death, 31(5).

Li M, et al. (2025) Aurora kinase A promotes trained immunity via regulation of endogenous S-adenosylmethionine metabolism. eLife, 14.

Akhtar A, et al. (2025) Bioengineering the metabolic network of CAR T cells with GLP-1 and Urolithin A increases persistence and long-term anti-tumor activity. Cell reports. Medicine, 6(3), 102021.

Gurung S, et al. (2025) Stromal lipid species dictate melanoma metastasis and tropism. Cancer cell, 43(6), 1108.

Iwamoto Y, et al. (2025) Lactoferrin attenuates renal fibrosis and uremic sarcopenia in a mouse model of adenine-induced chronic kidney disease. The Journal of nutritional biochemistry, 146, 110039.