

Resource Summary Report

Generated by [dkNET](#) on Aug 4, 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 161 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.

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

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.

Rossi M, et al. (2025) Dietary nitrate supplementation mitigates age-related changes at the neuromuscular junction in mice. The Journal of physiology.

Liu YN, et al. (2025) Synaptotagmin-7 deficit causes insulin hypoactivity and contributes to behavioral alterations in mice. iScience, 28(5), 112354.

Zhou Z, et al. (2025) EGFR TKIs suppress MUC1 glycosylation through the PI3K/AKT/SP1/C1GALT1 pathway to enhance TnMUC1 CAR-T efficacy in EGFR-mutant NSCLC. Cell reports. Medicine, 6(7), 102199.

Ducourneau EG, et al. (2025) Obesogenic diet impairs memory consolidation via the hippocampal endocannabinoid system. Current biology : CB, 35(23), 5820.

Shin SY, et al. (2025) ERK inhibits osteoclast differentiation in RAW 264.7 cells through the osteoprotegerin-mediated autophagy. Bone, 193, 117424.

Yoshimura A, et al. (2025) Taste receptor type 1 member 3 in osteoclasts regulates osteoclastogenesis via detection of glucose. The Journal of biological chemistry, 301(3), 108273.

Dang H, et al. (2025) Maternal gut microbiota influence stem cell function in offspring. Cell stem cell, 32(2), 246.

Gerardo H, et al. (2025) Extracellular matrix mechanical cues (dys)regulate metabolic redox homeostasis due to impaired autophagic flux. European journal of clinical

investigation, 55(9), e70051.

Manupati K, et al. (2025) Novel Metastasis Suppressor PI3KC2? Is Mediated by mTORC1 Signaling in Breast Cancer. *Molecular cancer research : MCR*, 23(9), 765.

Kenchappa RS, et al. (2025) MT-125 inhibits non-muscle myosin IIA and IIB and prolongs survival in glioblastoma. *Cell*, 188(17), 4622.

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.

Uhari-Väänänen J, et al. (2025) A prolyl oligopeptidase ligand blocks memory deficit in a repeated mild traumatic brain injury model. *Experimental neurology*, 394, 115454.

Kosz?a O, et al. (2025) Biotransformation of *Ganoderma lucidum* and *Herichium erinaceus* for ex vivo gut-brain axis modulation and mood-related outcomes in humans: CREB/BDNF signaling and microbiota-driven synergies. *Journal of ethnopharmacology*, 342, 119393.

Ji H, et al. (2025) ENPP1 governs the metabolic regulation of effector T cells in autoimmunity by detecting cytosolic mitochondrial DNA. *Cell reports*, 44(6), 115851.

Silva J, et al. (2025) Sub-Immunosuppressive Tacrolimus Ameliorates Amyloid-Beta and Tau Pathology in 3xTg-AD Mice. *International journal of molecular sciences*, 26(5).