Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

Rictor (53A2) Rabbit mAb

RRID:AB_2179963
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2114, RRID:AB_2179963)

Antibody Information

URL: http://antibodyregistry.org/AB_2179963

Proper Citation: (Cell Signaling Technology Cat# 2114, RRID:AB_2179963)

Target Antigen: Rictor (53A2) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W. Consolidation on 11/2018: AB_10694641, AB_10827895, AB_2179963.

Antibody Name: Rictor (53A2) Rabbit mAb

Description: This monoclonal targets Rictor (53A2) Rabbit mAb

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_2179963

Vendor: Cell Signaling Technology

Catalog Number: 2114

Record Creation Time: 20231110T070212+0000

Record Last Update: 20241115T100737+0000

Ratings and Alerts

No rating or validation information has been found for Rictor (53A2) Rabbit mAb.

No alerts have been found for Rictor (53A2) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Kim H, et al. (2024) MTOR modulation induces selective perturbations in histone methylation which influence the anti-proliferative effects of mTOR inhibitors. iScience, 27(3), 109188.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. bioRxiv : the preprint server for biology.

Rosenlehner T, et al. (2024) Reciprocal regulation of mTORC1 signaling and ribosomal biosynthesis determines cell cycle progression in activated T cells. Science signaling, 17(859), eadi8753.

Ali Y, et al. (2024) mTOR Regulates Mineralocorticoid Receptor Transcriptional Activity by ULK1-Dependent and -Independent Mechanisms. Endocrinology, 165(4).

Dhaliwal NK, et al. (2024) Synergistic hyperactivation of both mTORC1 and mTORC2 underlies the neural abnormalities of PTEN-deficient human neurons and cortical organoids. Cell reports, 43(5), 114173.

Cao Y, et al. (2023) Enhanced bypass of PD-L1 translation reduces the therapeutic response to mTOR kinase inhibitors. Cell reports, 42(7), 112764.

Ali Y, et al. (2022) Mammalian Target of Rapamycin Inhibition Decreases Angiotensin II-Induced Steroidogenesis in HAC15 Human Adrenocortical Carcinoma Cells. Endocrinology, 164(1).

Helfenberger KE, et al. (2022) Angiotensin II Regulates Mitochondrial mTOR Pathway Activity Dependent on Acyl-CoA Synthetase 4 in Adrenocortical Cells. Endocrinology, 163(12).

Shen Y, et al. (2022) Cross-talk between TSC2 and the extracellular matrix controls pulmonary vascular proliferation and pulmonary hypertension. Science signaling, 15(763), eabn2743.

Senoo H, et al. (2021) KARATE: PKA-induced KRAS4B-RHOA-mTORC2 supercomplex

phosphorylates AKT in insulin signaling and glucose homeostasis. Molecular cell, 81(22), 4622.

Guarnaccia AD, et al. (2021) Impact of WIN site inhibitor on the WDR5 interactome. Cell reports, 34(3), 108636.

Conde-Dusman MJ, et al. (2021) Control of protein synthesis and memory by GluN3A-NMDA receptors through inhibition of GIT1/mTORC1 assembly. eLife, 10.

Gerlach BD, et al. (2021) Efferocytosis induces macrophage proliferation to help resolve tissue injury. Cell metabolism, 33(12), 2445.

Zamfirescu RC, et al. (2021) mTORC1/2 signaling is downregulated by amino acid-free culture of mouse preimplantation embryos and is only partially restored by amino acid readdition. American journal of physiology. Cell physiology, 320(1), C30.

Nüchel J, et al. (2021) An mTORC1-GRASP55 signaling axis controls unconventional secretion to reshape the extracellular proteome upon stress. Molecular cell, 81(16), 3275.

Evavold CL, et al. (2021) Control of gasdermin D oligomerization and pyroptosis by the Ragulator-Rag-mTORC1 pathway. Cell, 184(17), 4495.

Zhang J, et al. (2020) Aster-C coordinates with COP I vesicles to regulate lysosomal trafficking and activation of mTORC1. EMBO reports, 21(9), e49898.

Kim CS, et al. (2020) Glutamine Metabolism Controls Stem Cell Fate Reversibility and Long-Term Maintenance in the Hair Follicle. Cell metabolism, 32(4), 629.

Bellier J, et al. (2020) Methylglyoxal Scavengers Resensitize KRAS-Mutated Colorectal Tumors to Cetuximab. Cell reports, 30(5), 1400.

Kim D, et al. (2020) Anti-inflammatory Roles of Glucocorticoids Are Mediated by Foxp3+ Regulatory T Cells via a miR-342-Dependent Mechanism. Immunity, 53(3), 581.