

Resource Summary Report

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Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP Rabbit mAb

RRID:AB_10694233

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 5364 (also 5364P, 5364S, 5364L), RRID:AB_10694233)

Antibody Information

URL: http://antibodyregistry.org/AB_10694233

Proper Citation: (Cell Signaling Technology Cat# 5364 (also 5364P, 5364S, 5364L), RRID:AB_10694233)

Target Antigen: Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC, F. Consolidation on 9/2016: AB_10695727, AB_10698889.

Antibody Name: Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP Rabbit mAb

Description: This monoclonal targets Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP Rabbit mAb

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

Antibody ID: AB_10694233

Vendor: Cell Signaling Technology

Catalog Number: 5364 (also 5364P, 5364S, 5364L)

Alternative Catalog Numbers: 5364L, 5364S, 5364P

Ratings and Alerts

No rating or validation information has been found for Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP Rabbit mAb.

No alerts have been found for Phospho-S6 Ribosomal Protein (Ser240/244) (D68F8) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 152 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Tucker SA, et al. (2024) SIRT4 loss reprograms intestinal nucleotide metabolism to support proliferation following perturbation of homeostasis. Cell reports, 43(4), 113975.

Yip HYK, et al. (2024) Integrative modeling uncovers p21-driven drug resistance and prioritizes therapies for PIK3CA-mutant breast cancer. NPJ precision oncology, 8(1), 20.

Nguyen LH, et al. (2024) The mTOR pathway genes MTOR, Rheb, Depdc5, Pten, and Tsc1 have convergent and divergent impacts on cortical neuron development and function. eLife, 12.

Cullen ER, et al. (2024) Hyperactivity of mTORC1 and mTORC2-dependent signaling mediate epilepsy downstream of somatic PTEN loss. bioRxiv : the preprint server for biology.

Santamans AM, et al. (2024) MCJ: A mitochondrial target for cardiac intervention in pulmonary hypertension. Science advances, 10(3), eadk6524.

Cullen ER, et al. (2024) Hyperactivity of mTORC1- and mTORC2-dependent signaling mediates epilepsy downstream of somatic PTEN loss. eLife, 12.

Deja S, et al. (2024) Hepatic malonyl-CoA synthesis restrains gluconeogenesis by suppressing fat oxidation, pyruvate carboxylation, and amino acid availability. Cell metabolism.

Kuzuoglu-Ozturk D, et al. (2023) N-myc-Mediated Translation Control Is a Therapeutic Vulnerability in Medulloblastoma. Cancer research, 83(1), 130.

Windén KD, et al. (2023) Increased degradation of FMRP contributes to neuronal hyperexcitability in tuberous sclerosis complex. Cell reports, 42(8), 112838.

Eichhoff OM, et al. (2023) ROS Induction Targets Persister Cancer Cells with Low Metabolic Activity in NRAS-Mutated Melanoma. *Cancer research*, 83(7), 1128.

Turgu B, et al. (2023) The HACE1 E3 ligase mediates RAC1-dependent control of mTOR signaling complexes. *EMBO reports*, 24(12), e56815.

Farmaki E, et al. (2023) ONC201/TIC10 enhances durability of mTOR inhibitor everolimus in metastatic ER+ breast cancer. *eLife*, 12.

Nava Lauson CB, et al. (2023) Linoleic acid potentiates CD8+ T cell metabolic fitness and antitumor immunity. *Cell metabolism*, 35(4), 633.

Marques E, et al. (2023) Lipocalin-2 induces mitochondrial dysfunction in renal tubular cells via mTOR pathway activation. *Cell reports*, 42(9), 113032.

Herron RS, et al. (2023) A twin UGUA motif directs the balance between gene isoforms through CFIm and the mTORC1 signaling pathway. *eLife*, 12.

Paulussen KJ, et al. (2023) Underpinning the Food Matrix Regulation of Postexercise Myofibrillar Protein Synthesis by Comparing Salmon Ingestion With the Sum of Its Isolated Nutrients in Healthy Young Adults. *The Journal of nutrition*, 153(5), 1359.

Fame RM, et al. (2023) Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and temporal resolution. *Nature communications*, 14(1), 3720.

Steinert ND, et al. (2023) A novel method for visualizing in-vivo rates of protein degradation provides insight into how TRIM28 regulates muscle size. *iScience*, 26(4), 106526.

Gan YJ, et al. (2023) Srgap2 suppression ameliorates retinal ganglion cell degeneration in mice. *Neural regeneration research*, 18(10), 2307.

Cheng J, et al. (2023) Cancer-cell-derived fumarate suppresses the anti-tumor capacity of CD8+ T cells in the tumor microenvironment. *Cell metabolism*, 35(6), 961.