Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 30, 2025

S6 Ribosomal Protein (54D2) Mouse mAb

RRID:AB_2238583
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2317, RRID:AB_2238583)

Antibody Information

URL: http://antibodyregistry.org/AB_2238583

Proper Citation: (Cell Signaling Technology Cat# 2317, RRID:AB_2238583)

Target Antigen: S6 Ribosomal Protein (54D2) Mouse mAb

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC, F. Consolidation: AB_10694551.

Antibody Name: S6 Ribosomal Protein (54D2) Mouse mAb

Description: This monoclonal targets S6 Ribosomal Protein (54D2) Mouse mAb

Target Organism: rat, mouse, non-human primate, drosophila/arthropod, human

Clone ID: 54D2

Defining Citation: PMID:27120118

Antibody ID: AB_2238583

Vendor: Cell Signaling Technology

Catalog Number: 2317

Alternative Catalog Numbers: 2317S

Record Creation Time: 20231110T070213+0000

Record Last Update: 20241115T045421+0000

Ratings and Alerts

No rating or validation information has been found for S6 Ribosomal Protein (54D2) Mouse mAb.

No alerts have been found for S6 Ribosomal Protein (54D2) Mouse mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 116 mentions in open access literature.

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

Li G, et al. (2025) Microenvironmental ?-TrCP negates amino acid transport to trigger CD8+ T cell exhaustion in human non-small cell lung cancer. Cell reports, 44(1), 115128.

Walker TJ, et al. (2024) Loss of tumor suppressor TMEM127 drives RET-mediated transformation through disrupted membrane dynamics. eLife, 12.

Bajikar SS, et al. (2024) Modeling antisense oligonucleotide therapy in MECP2 duplication syndrome human iPSC-derived neurons reveals gene expression programs responsive to MeCP2 levels. Human molecular genetics.

Wang T, et al. (2024) Whitening of brown adipose tissue inhibits osteogenic differentiation via secretion of S100A8/A9. iScience, 27(2), 108857.

Jiang Z, et al. (2024) CREB3L4 promotes hepatocellular carcinoma progression and decreases sorafenib chemosensitivity by promoting RHEB-mTORC1 signaling pathway. iScience, 27(2), 108843.

Seedhom MO, et al. (2024) Paradoxical imbalance between activated lymphocyte protein synthesis capacity and rapid division rate. eLife, 12.

Pilié PG, et al. (2024) Ataxia-Telangiectasia Mutated Loss-of-Function Displays Variant and Tissue-Specific Differences across Tumor Types. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(10), 2121.

Sharma R, et al. (2024) Intra-tumoral YAP and TAZ heterogeneity drives collective NSCLC

invasion that is targeted by SUMOylation inhibitor TAK-981. iScience, 27(11), 111133.

Kommaddi RP, et al. (2024) Akt activation ameliorates deficits in hippocampal-dependent memory and activity-dependent synaptic protein synthesis in an Alzheimer's disease mouse model. The Journal of biological chemistry, 300(2), 105619.

Hicks HM, et al. (2024) The effects of Aurora Kinase inhibition on thyroid cancer growth and sensitivity to MAPK-directed therapies. Cancer biology & therapy, 25(1), 2332000.

Wilson AP, et al. (2024) Analyzing efficiency of a lentiviral shRNA knockdown system in human enteroids using western blot and flow cytometry. STAR protocols, 5(2), 103082.

Klomp JA, et al. (2024) Defining the KRAS- and ERK-dependent transcriptome in KRAS-mutant cancers. Science (New York, N.Y.), 384(6700), eadk0775.

Shin S, et al. (2023) mTOR inhibition reprograms cellular proteostasis by regulating eIF3D-mediated selective mRNA translation and promotes cell phenotype switching. Cell reports, 42(8), 112868.

Jiang C, et al. (2023) PRMT1 orchestrates with SAMTOR to govern mTORC1 methionine sensing via Arg-methylation of NPRL2. Cell metabolism, 35(12), 2183.

Evans F, et al. (2023) CD300f immune receptor contributes to healthy aging by regulating inflammaging, metabolism, and cognitive decline. Cell reports, 42(10), 113269.

Ma J, et al. (2023) CD226 maintains regulatory T cell phenotype stability and metabolism by the mTOR/Myc pathway under inflammatory conditions. Cell reports, 42(10), 113306.

Le TDV, et al. (2023) Glucagon-like peptide-1 receptor activation stimulates PKA-mediated phosphorylation of Raptor and this contributes to the weight loss effect of liraglutide. eLife, 12.

Simpson Ragdale H, et al. (2023) Injury primes mutation-bearing astrocytes for dedifferentiation in later life. Current biology : CB, 33(6), 1082.

Amleh A, et al. (2023) Arginine depletion attenuates renal cystogenesis in tuberous sclerosis complex model. Cell reports. Medicine, 4(6), 101073.

Gu L, et al. (2023) Fructose-1,6-bisphosphatase is a nonenzymatic safety valve that curtails AKT activation to prevent insulin hyperresponsiveness. Cell metabolism, 35(6), 1009.