

Resource Summary Report

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Rabbit Anti-S6 Ribosomal Protein Monoclonal Antibody, Unconjugated, Clone 5G10

RRID:AB_331355

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2217, RRID:AB_331355

Antibody Information

URL: http://antibodyregistry.org/AB_331355

Proper Citation: Cell Signaling Technology Cat# 2217, RRID:AB_331355

Target Antigen: S6 Ribosomal Protein

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-F, IF-IC. Consolidation on 9/2016: AB_823632, AB_10693449.

Antibody Name: Rabbit Anti-S6 Ribosomal Protein Monoclonal Antibody, Unconjugated, Clone 5G10

Description: This monoclonal targets S6 Ribosomal Protein

Target Organism: monkey, rat, simian, mouse, human

Clone ID: Clone 5G10

Antibody ID: AB_331355

Vendor: Cell Signaling Technology

Catalog Number: 2217

Alternative Catalog Numbers: 2217S, 2217L

Record Creation Time: 20250819T214640+0000

Record Last Update: 20250820T000339+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-S6 Ribosomal Protein Monoclonal Antibody, Unconjugated, Clone 5G10.

No alerts have been found for Rabbit Anti-S6 Ribosomal Protein Monoclonal Antibody, Unconjugated, Clone 5G10.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 393 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Li E, et al. (2026) Oxytocin signaling in adipocytes is required for normal milk fat production. *Cell metabolism*, 38(6), 1141.

Calderon-Aparicio A, et al. (2026) S6K1 Modulates STAT3 Activation to Promote Resistance to Radiotherapy in Lung Cancer. *International journal of molecular sciences*, 27(4).

Weber JL, et al. (2026) De novo pyrimidine synthesis controls germinal center B cell and plasma cell fates and systemic autoimmunity. *Cell reports*, 45(7), 117587.

Chugunova A, et al. (2026) ER-mitochondria contacts and mitochondrial fusion correlate with increased mitochondrial activity during vertebrate embryogenesis. *Cell reports*, 45(7), 117615.

Rosen JC, et al. (2026) Modeling response to the KRAS-G12C inhibitor AZD4625 in KRASG12C NSCLC patient-derived xenografts reveals insights into primary resistance mechanisms. *British journal of cancer*, 134(1), 165.

Nguyen TT, et al. (2026) NN-01-195, a Novel Conjugate of HSP90 and AURKA Inhibitors, Effectively Targets Solid Tumors. *Molecular cancer therapeutics*, 25(8), 1231.

Kishida C, et al. (2026) Effect of Tofogliflozin on Skeletal Muscle Mitochondrial Function in Male Diabetic Mice With Muscle Atrophy. *Journal of the Endocrine Society*, 10(2), bvaf171.

Peng H, et al. (2026) Eukaryote initiation factor 6 modulates small-cell lung carcinoma plasticity via the integrin-FAK signaling axis. *Nature communications*, 17(1).

O'Loughlin TA, et al. (2026) mTORC1 activity suppresses ferroptosis through a SCARB1-dependent HDL-tocopherol uptake pathway. *Molecular cell*, 86(8), 1546.

Harris Snell P, et al. (2026) Coordinated regulation of mRNA translation and stability by ZC3H7A and ZC3H7B RNA-binding proteins. *Cell reports*, 45(6), 117511.

Lo CH, et al. (2026) Mechanistic Language Modeling and Oxygenated 3D Screening Reveal Berberine and Enzalutamide Synergy in Resistant Prostate Cancer. *bioRxiv : the preprint server for biology*.

Assi M, et al. (2026) Extracellular matrix sensing regulates intratumoral heterogeneity of autophagic flux. *Cell*, 189(6), 1731.

??zel C, et al. (2026) Mitochondrial integrity modulates mTOR signaling and podocyte function. *iScience*, 29(1), 114279.

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.

Li JT, et al. (2026) FMRP regulates neuronal RNA granules containing stalled ribosomes, not where ribosomes stall. *eLife*, 14.

Lee EJ, et al. (2026) JIN-A02, a Mutant-Selective Fourth-Generation EGFR Inhibitor, Overcomes C797S-Mediated Resistance and Demonstrates Intracranial Activity in NSCLC. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 32(9), 1835.

Shah S, et al. (2026) Metabolic reprogramming during human neuron differentiation indicates glutaminase as a key determinant in Fragile X syndrome. *Cell reports*, 45(1), 116857.

Kumariya S, et al. (2026) Transcriptional control of PPP2CB by YAP1 and TEAD1 mediates AMPK inhibition and mTORC1 activation in vascular smooth muscle cells. *iScience*, 29(3), 114996.

Tang X, et al. (2026) Mathematical modeling of ribosome competition informs testable treatment strategies for drug-tolerant cancer persister cells. *iScience*, 29(4), 115493.

Fidaleo AM, et al. (2026) LRRC8A-containing anion channels promote glioblastoma proliferation via a WNK1/mTORC2-dependent mechanism. *The Journal of physiology*, 604(5), 1995.