

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

Akt (pan) (C67E7) Rabbit mAb

RRID:AB_915783

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4691, RRID:AB_915783

Antibody Information

URL: http://antibodyregistry.org/AB_915783

Proper Citation: Cell Signaling Technology Cat# 4691, RRID:AB_915783

Target Antigen: Akt (pan) (C67E7) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation on 7/2016: AB_10827892, AB_915785.

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Akt (pan) (C67E7) Rabbit mAb

Description: This monoclonal targets Akt (pan) (C67E7) Rabbit mAb

Target Organism: rat, h, dm, m, mouse, r, non-human primate, drosophila/arthropod, human, mk

Defining Citation: [PMID:23602964](#)

Antibody ID: AB_915783

Vendor: Cell Signaling Technology

Catalog Number: 4691

Alternative Catalog Numbers: 4691P, 4691L, 4691S

Record Creation Time: 20250819T210318+0000

Record Last Update: 20250819T214149+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Akt (pan) (C67E7) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 565 mentions in open access literature.

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

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. Neural regeneration research, 21(4), 1574.

Chen J, et al. (2026) Upregulation of CENPM facilitates glioma progression via PI3K/AKT signaling pathway. Genomics, 118(1), 111163.

Govindarajan M, et al. (2026) Pan-cancer N-glycoproteomic atlas of patient-derived xenografts uncovers FAT2 as an actionable surface target. Cell reports. Medicine, 7(2), 102578.

Yang T, et al. (2026) "Membrane-Guided" Repair Strategy: Precision Delivery of GGT1 Degradar for Targeted Repair and Regeneration of Spinal Cord Neurons. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(42), e75554.

Luque M, et al. (2026) Cancer-associated fibroblast-derived protein S100-A11 influences the response to anti-HER2 therapies in HER2-positive breast cancer. Neoplasia (New York, N.Y.), 78, 101318.

Sechrist ZR, et al. (2026) Ablation of tumor-derived IGFBP-3 attenuates cancer-associated skeletal muscle wasting in murine pancreatic cancer. American journal of physiology. Cell physiology, 330(2), C467.

Khine HEE, et al. (2026) Ambrisentan attenuates cisplatin-related mitochondrial dysfunction in the heart via regulation of p53 and NF- κ B signaling. *Scientific reports*, 16(1).

Park SJ, et al. (2026) Mechanism by which a linoleic acid metabolite suppresses cancer cell growth by inhibiting mTOR. *Cell chemical biology*, 33(5), 637.

Nie T, et al. (2026) Cytoplasmic RNase III Drosha controls lipogenesis by noncanonical regulation of SREBP1. *Molecular cell*, 86(9), 1762.

Zhu W, et al. (2026) Phosphoproteomics identifies Rho-kinase-associated phospho-signaling and autophagy-associated alterations in the medial prefrontal cortex of a schizophrenia-related mouse model. *Pharmacological research*, 228, 108201.

Han S, et al. (2026) Celecoxib potentiates ribociclib-induced apoptosis and anti-tumor activity by co-targeting COX-2/NF- κ B and PI3K/AKT/mTOR pathways in hormone receptor-positive/HER2-negative breast cancer. *Apoptosis : an international journal on programmed cell death*, 31(5).

Eissa IR, et al. (2026) The CD49b (ITGA2) collagen receptor excludes CD8+ T cell infiltration in pancreatic ductal adenocarcinoma. *iScience*, 29(7), 116500.

Kobayashi H, et al. (2026) A self-amplifying nerve-fibroblast circuit drives colorectal cancer progression. *Cancer cell*.

Yu L, et al. (2026) Activin A enhances neurofunctional recovery following traumatic spinal cord injury by inhibiting autophagy. *Neural regeneration research*, 21(6), 2485.

Li K, et al. (2026) Reversal of diet-induced obesity by central insulin sensitizer FSTL1. *Neuron*, 114(1), 122.

Lu Y, et al. (2026) Chemomechanical remodeling of glucocorticoid-sensitive fibroblasts for multimodal synergistic therapy of skin fibrosis. *Cell reports. Medicine*, 7(2), 102592.

Liu M, et al. (2026) Proteomics landscape of early T-cell precursor acute lymphoblastic leukemia reveals deficient oxidative phosphorylation signatures. *Cell reports. Medicine*, 7(2), 102586.

Tan KE, et al. (2026) LMO1 expression in neuroblastoma cells reprograms tumor-associated macrophages to promote metastasis. *iScience*, 29(3), 115144.

Qin Z, et al. (2026) Cadherin-engineered microspheres enable scalable biofabrication of multilineage liver organoids. *Trends in biotechnology*.

Misra R, et al. (2026) Dengue protease-mediated activation and polarization of macrophages. *International journal of biological macromolecules*, 365, 152322.