

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

Mouse Anti-Akt1 Monoclonal Antibody, Unconjugated, Clone 2H10

RRID:AB_331160

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2967, RRID:AB_331160

Antibody Information

URL: http://antibodyregistry.org/AB_331160

Proper Citation: Cell Signaling Technology Cat# 2967, RRID:AB_331160

Target Antigen: Akt1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IP. Consolidation on 10/2016: AB_10691685, AB_823419.

Antibody Name: Mouse Anti-Akt1 Monoclonal Antibody, Unconjugated, Clone 2H10

Description: This monoclonal targets Akt1

Target Organism: rat, mouse, human

Clone ID: Clone 2H10

Antibody ID: AB_331160

Vendor: Cell Signaling Technology

Catalog Number: 2967

Alternative Catalog Numbers: 2967S, 2967L

Record Creation Time: 20250819T232702+0000

Record Last Update: 20250820T052241+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Akt1 Monoclonal Antibody, Unconjugated, Clone 2H10.

No alerts have been found for Mouse Anti-Akt1 Monoclonal Antibody, Unconjugated, Clone 2H10.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Anastacio Da Costa Carvalho L, et al. (2026) RAS(ON) Multiselective Inhibition Drives Antitumor Immunity in Preclinical Models of NRAS-Mutant Melanoma. Cancer immunology research, 14(1), 90.

Herrera JL, et al. (2024) Akt3 activation by R-Ras in an endothelial cell enforces quiescence and barrier stability of neighboring endothelial cells via Jagged1. Cell reports, 43(3), 113837.

Backe SJ, et al. (2022) A specialized Hsp90 co-chaperone network regulates steroid hormone receptor response to ligand. Cell reports, 40(2), 111039.

Kang J, et al. (2022) EGFR-phosphorylated GDH1 harmonizes with RSK2 to drive CREB activation and tumor metastasis in EGFR-activated lung cancer. Cell reports, 41(11), 111827.

Wang T, et al. (2021) Activation of EphrinB2 Signaling Promotes Adaptive Venous Remodeling in Murine Arteriovenous Fistulae. The Journal of surgical research, 262, 224.

Wong PP, et al. (2020) Cancer Burden Is Controlled by Mural Cell- α 3-Integrin Regulated Crosstalk with Tumor Cells. Cell, 181(6), 1346.

Bousoik E, et al. (2019) Heterogeneity and Plasticity of Human Breast Cancer Cells in Response to Molecularly-Targeted Drugs. Frontiers in oncology, 9, 1070.

Sager RA, et al. (2019) Post-translational Regulation of FNIP1 Creates a Rheostat for the Molecular Chaperone Hsp90. Cell reports, 26(5), 1344.

Bery N, et al. (2019) A Targeted Protein Degradation Cell-Based Screening for Nanobodies Selective toward the Cellular RHOB GTP-Bound Conformation. Cell chemical biology, 26(11), 1544.

Baker-Williams AJ, et al. (2019) Co-chaperones TIMP2 and AHA1 Competitively Regulate Extracellular HSP90:Client MMP2 Activity and Matrix Proteolysis. Cell reports, 28(7), 1894.

Jin L, et al. (2018) MAST1 Drives Cisplatin Resistance in Human Cancers by Rewiring cRaf-Independent MEK Activation. *Cancer cell*, 34(2), 315.

Rubio-Patiño C, et al. (2018) Low-Protein Diet Induces IRE1 α -Dependent Anticancer Immunosurveillance. *Cell metabolism*, 27(4), 828.

Hanigan TW, et al. (2017) Divergent JNK Phosphorylation of HDAC3 in Triple-Negative Breast Cancer Cells Determines HDAC Inhibitor Binding and Selectivity. *Cell chemical biology*, 24(11), 1356.

Cheng C, et al. (2016) Whole-Genome Sequencing Reveals Diverse Models of Structural Variations in Esophageal Squamous Cell Carcinoma. *American journal of human genetics*, 98(2), 256.

Woodford MR, et al. (2016) The FNIP co-chaperones decelerate the Hsp90 chaperone cycle and enhance drug binding. *Nature communications*, 7, 12037.