

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 15, 2025

## Akt (pan) (40D4) Mouse mAb

RRID:AB\_1147620

Type: Antibody

### Proper Citation

(Cell Signaling Technology Cat# 2920, RRID:AB\_1147620)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_1147620](http://antibodyregistry.org/AB_1147620)

**Proper Citation:** (Cell Signaling Technology Cat# 2920, RRID:AB\_1147620)

**Target Antigen:** Akt (pan) (40D4) Mouse mAb

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: W, IP, IHC-P, IF-IC, F

**Antibody Name:** Akt (pan) (40D4) Mouse mAb

**Description:** This monoclonal targets Akt (pan) (40D4) Mouse mAb

**Target Organism:** rat, h, m, mouse, r, non-human primate, human, mk

**Antibody ID:** AB\_1147620

**Vendor:** Cell Signaling Technology

**Catalog Number:** 2920

**Alternative Catalog Numbers:** 2920S

**Record Creation Time:** 20231110T074338+0000

**Record Last Update:** 20241115T000111+0000

### Ratings and Alerts

No rating or validation information has been found for Akt (pan) (40D4) Mouse mAb.

No alerts have been found for Akt (pan) (40D4) Mouse mAb.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 158 mentions in open access literature.

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

Soteriou C, et al. (2025) Two cooperative lipid binding sites within the pleckstrin homology domain are necessary for AKT binding and stabilization to the plasma membrane. *Structure* (London, England : 1993), 33(1), 181.

Li Z, et al. (2024) Therapeutic application of human type 2 innate lymphoid cells via induction of granzyme B-mediated tumor cell death. *Cell*, 187(3), 624.

Herbstein F, et al. (2024) The SASP factor IL-6 sustains cell-autonomous senescent cells via a cGAS-STING-NF $\kappa$ B intracrine senescent noncanonical pathway. *Aging cell*, 23(10), e14258.

Lagani GD, et al. (2024) Beyond Glycolysis: Aldolase A Is a Novel Effector in Reelin-Mediated Dendritic Development. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(42).

Choi J, et al. (2024) Molecular targets of glucocorticoids that elucidate their therapeutic efficacy in aggressive lymphomas. *Cancer cell*, 42(5), 833.

Ajay AK, et al. (2024) Local vascular Klotho mediates diabetes-induced atherosclerosis via ERK1/2 and PI3-kinase-dependent signaling pathways. *Atherosclerosis*, 396, 118531.

Estrada JA, et al. (2024) Intracerebroventricular insulin injection acutely normalizes the augmented exercise pressor reflex in male rats with type 2 diabetes mellitus. *The Journal of physiology*.

Englich AS, et al. (2024) Ankrd26 is a retinoic acid-responsive plasma membrane-binding and -shaping protein critical for proper cell differentiation. *Cell reports*, 43(3), 113939.

Layden HM, et al. (2024) Mutant FOXO1 controls an oncogenic network via enhancer accessibility. *Cell genomics*, 4(4), 100537.

Lagani GD, et al. (2024) Beyond Glycolysis: Aldolase A is a Novel Effector in Reelin Mediated Dendritic Development. *bioRxiv* : the preprint server for biology.

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

Vermehren-Schmaedick A, et al. (2024) Grb7 Ablation in Mice Improved Glycemic Control, Enhanced Insulin Signaling, and Increased Abdominal fat Mass in Females. *Endocrinology*, 165(5).

Meadows SM, et al. (2024) Hippocampal astrocytes induce sex-dimorphic effects on memory. *Cell reports*, 43(6), 114278.

Balcioglu O, et al. (2024) Mcam stabilizes a luminal progenitor-like breast cancer cell state via Ck2 control and Src/Akt/Stat3 attenuation. *NPJ breast cancer*, 10(1), 80.

Stevenson L, et al. (2024) Inhibition of AKT enhances chemotherapy efficacy and synergistically interacts with targeting of the Inhibitor of apoptosis proteins in oesophageal adenocarcinoma. *Scientific reports*, 14(1), 32121.

Sun C, et al. (2024) TMED2 promotes glioma tumorigenesis by being involved in EGFR recycling transport. *International journal of biological macromolecules*, 262(Pt 2), 130055.

Hurcombe JA, et al. (2024) Contrasting consequences of podocyte insulin-like growth factor 1 receptor inhibition. *iScience*, 27(5), 109749.

Haga M, et al. (2024) Positive and negative feedback regulation of the TGF- $\beta$ 1 explains two equilibrium states in skin aging. *iScience*, 27(5), 109708.

Liu Y, et al. (2024) Squalene-epoxidase-catalyzed 24(S),25-epoxycholesterol synthesis promotes trained-immunity-mediated antitumor activity. *Cell reports*, 43(4), 114094.

Dandavate V, et al. (2024) Hepatic BMAL1 and HIF1 $\alpha$  regulate a time-dependent hypoxic response and prevent hepatopulmonary-like syndrome. *Cell metabolism*, 36(9), 2038.