

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

## Rabbit Anti-AKT1, phospho (Ser473) Monoclonal Antibody, Unconjugated, Clone EP2109Y

RRID:AB\_2224551

Type: Antibody

### Proper Citation

Abcam Cat# ab81283, RRID:AB\_2224551

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2224551](http://antibodyregistry.org/AB_2224551)

**Proper Citation:** Abcam Cat# ab81283, RRID:AB\_2224551

**Target Antigen:** AKT1, phospho (Ser473)

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Western Blot; Immunocytochemistry, Immunohistochemistry-P, Western Blot

**Antibody Name:** Rabbit Anti-AKT1, phospho (Ser473) Monoclonal Antibody, Unconjugated, Clone EP2109Y

**Description:** This monoclonal targets AKT1, phospho (Ser473)

**Target Organism:** mouse, human

**Clone ID:** Clone EP2109Y

**Antibody ID:** AB\_2224551

**Vendor:** Abcam

**Catalog Number:** ab81283

**Record Creation Time:** 20250819T214646+0000

**Record Last Update:** 20250820T000354+0000

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## Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-AKT1, phospho (Ser473) Monoclonal Antibody, Unconjugated, Clone EP2109Y.

No alerts have been found for Rabbit Anti-AKT1, phospho (Ser473) Monoclonal Antibody, Unconjugated, Clone EP2109Y.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Fu Z, et al. (2025) Empty Spiracles Homeobox 2 Transcription Factor Functions as a Tumor Suppressor in Renal Cell Carcinoma by Targeting CADM1. Molecular cancer research : MCR, 23(7), 597.

Blidner AG, et al. (2025) Glycosylation-driven programs coordinate immunoregulatory and pro-angiogenic functions of myeloid-derived suppressor cells. Immunity, 58(6), 1553.

Yang H, et al. (2025) FAM49B mediates tumor progression and poor prognosis of gastric cancer through activating PI3K/AKT pathway. Journal of molecular histology, 56(5), 291.

McMenemy CM, et al. (2024) 14-3-3 $\gamma$ /Stratifin and p21 limit AKT-related malignant progression in skin carcinogenesis following MDM2-associated p53 loss. Molecular carcinogenesis, 63(9), 1768.

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

Frisbie L, et al. (2024) Carcinoma-associated mesenchymal stem cells promote ovarian cancer heterogeneity and metastasis through mitochondrial transfer. Cell reports, 43(8), 114551.

Tanaka A, et al. (2024) Proteogenomic characterization of pancreatic neuroendocrine tumors uncovers hypoxia and immune signatures in clinically aggressive subtypes. iScience, 27(8), 110544.

Tanaka A, et al. (2024) Proteogenomic characterization of primary colorectal cancer and metastatic progression identifies proteome-based subtypes and signatures. Cell reports, 43(2), 113810.

Zhu S, et al. (2024) Integrating Network Pharmacology and Experimental Verification to Explore the Pharmacological Mechanisms of Radix Paeoniae Rubra Against Glioma. Applied biochemistry and biotechnology.

Chen PJ, et al. (2023) Palbociclib blocks neutrophilic phosphatidylinositol 3-kinase activity to alleviate psoriasiform dermatitis. *British journal of pharmacology*.

Shang J, et al. (2023) Resistin targets TAZ to promote osteogenic differentiation through PI3K/AKT/mTOR pathway. *iScience*, 26(7), 107025.

Yu J, et al. (2023) VPS35 promotes cell proliferation via EGFR recycling and enhances EGFR inhibitors response in gastric cancer. *EBioMedicine*, 89, 104451.

Zhao J, et al. (2023) Mechanical pressure-induced dedifferentiation of myofibroblasts inhibits scarring via SMYD3/ITGBL1 signaling. *Developmental cell*, 58(13), 1139.

Licht-Murava A, et al. (2023) Astrocytic TDP-43 dysregulation impairs memory by modulating antiviral pathways and interferon-inducible chemokines. *Science advances*, 9(16), eade1282.

Oh S, et al. (2023) Non-bioenergetic roles of mitochondrial GPD2 promote tumor progression. *Theranostics*, 13(2), 438.

Bae H, et al. (2022) PH domain-mediated autoinhibition and oncogenic activation of Akt. *eLife*, 11.

Burton JJN, et al. (2022) Regulation of mouse primordial follicle formation by signaling through the PI3K pathway†. *Biology of reproduction*, 106(3), 515.

Akusjärvi SS, et al. (2022) Integrative proteo-transcriptomic and immunophenotyping signatures of HIV-1 elite control phenotype: A cross-talk between glycolysis and HIF signaling. *iScience*, 25(1), 103607.

Liang C, et al. (2022) Mitochondrial microproteins link metabolic cues to respiratory chain biogenesis. *Cell reports*, 40(7), 111204.

Sun Y, et al. (2021) Expression of miRNA-29 in Pancreatic ? Cells Promotes Inflammation and Diabetes via TRAF3. *Cell reports*, 34(1), 108576.