

# Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

## ERK 2 (C-14)

RRID:AB\_2141292

Type: Antibody

### Proper Citation

Santa Cruz Biotechnology Cat# sc-154, RRID:AB\_2141292

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2141292](http://antibodyregistry.org/AB_2141292)

**Proper Citation:** Santa Cruz Biotechnology Cat# sc-154, RRID:AB\_2141292

**Target Antigen:** ERK 2

**Host Organism:** hamster

**Clonality:** monoclonal

**Comments:** Discontinued; Applications: WB, IP, IF, IHC, FC, ELISA

**Antibody Name:** ERK 2 (C-14)

**Description:** This monoclonal targets ERK 2

**Target Organism:** chicken, rat, mouse, frog, human

**Antibody ID:** AB\_2141292

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-154

**Record Creation Time:** 20250819T212643+0000

**Record Last Update:** 20250819T225900+0000

### Ratings and Alerts

No rating or validation information has been found for ERK 2 (C-14).

**Warning:** Discontinued at Santa Cruz Biotechnology  
Discontinued; Applications: WB, IP, IF, IHC, FC, ELISA

## Data and Source Information

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

## Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Zariñán T, et al. (2026) Pharmacological rescue of follicle-stimulating hormone receptor mutants. In vitro and in silico studies. *Endocrinology*, 167(5).

Izawa K, et al. (2026) IgE-dependent anaphylaxis is regulated by sphingolipid binding to activating and inhibitory CD300 family members. *Cell reports*, 45(3), 117054.

Chocarro-Calvo A, et al. (2025) Fatty acid uptake activates an AXL-CAV1- $\beta$ -catenin axis to drive melanoma progression. *Genes & development*, 39(7-8), 463.

Chocarro-Calvo A, et al. (2024) Phenotype-specific melanoma uptake of fatty acid from human adipocytes activates AXL and CAV1-dependent  $\beta$ -catenin nuclear accumulation. *bioRxiv* : the preprint server for biology.

Santoni M, et al. (2024) Unraveling the interplay between PKA inhibition and Cdk1 activation during oocyte meiotic maturation. *Cell reports*, 43(2), 113782.

Eom YS, et al. (2023) E3 Ubiquitin Ligase Constitutive Photomorphogenic 1 Regulates Differentiation and Inflammation via MAPK Signaling Pathway in Rabbit Articular Chondrocytes. *DNA and cell biology*, 42(5), 239.

Naro C, et al. (2022) Functional Interaction Between the Oncogenic Kinase NEK2 and Sam68 Promotes a Splicing Program Involved in Migration and Invasion in Triple-Negative Breast Cancer. *Frontiers in oncology*, 12, 880654.

Richart L, et al. (2022) XIST loss impairs mammary stem cell differentiation and increases tumorigenicity through Mediator hyperactivation. *Cell*, 185(12), 2164.

Barthet VJA, et al. (2022) DRAM-4 and DRAM-5 are compensatory regulators of autophagy and cell survival in nutrient-deprived conditions. *The FEBS journal*, 289(13), 3752.

Ng ASN, et al. (2022) AKTIP loss is enriched in ER $\alpha$ -positive breast cancer for tumorigenesis and confers endocrine resistance. *Cell reports*, 41(11), 111821.

Zariñán T, et al. (2021) A Novel Mutation in the FSH Receptor (I423T) Affecting Receptor Activation and Leading to Primary Ovarian Failure. *The Journal of clinical endocrinology and metabolism*, 106(2), e534.

Barthet VJA, et al. (2021) Autophagy suppresses the formation of hepatocyte-derived cancer-initiating ductular progenitor cells in the liver. *Science advances*, 7(23).

Zariñán T, et al. (2020) In Vitro Impact of FSH Glycosylation Variants on FSH Receptor-stimulated Signal Transduction and Functional Selectivity. *Journal of the Endocrine Society*, 4(5), bvaa019.

Gargiulo L, et al. (2020) Agonist Effects of Propranolol on Non-Tumor Human Breast Cells. *Cells*, 9(4).

Wong R, et al. (2020) Affinity-Restricted Memory B Cells Dominate Recall Responses to Heterologous Flaviviruses. *Immunity*, 53(5), 1078.

Orgaz JL, et al. (2020) Myosin II Reactivation and Cytoskeletal Remodeling as a Hallmark and a Vulnerability in Melanoma Therapy Resistance. *Cancer cell*, 37(1), 85.

Beaumat F, et al. (2019) mTORC1 Activation Requires DRAM-1 by Facilitating Lysosomal Amino Acid Efflux. *Molecular cell*, 76(1), 163.

Hetmanski JHR, et al. (2019) Membrane Tension Orchestrates Rear Retraction in Matrix-Directed Cell Migration. *Developmental cell*, 51(4), 460.

Raghu D, et al. (2019) GALNT3 Maintains the Epithelial State in Trophoblast Stem Cells. *Cell reports*, 26(13), 3684.

Tencerova M, et al. (2019) Obesity-Associated Hypermetabolism and Accelerated Senescence of Bone Marrow Stromal Stem Cells Suggest a Potential Mechanism for Bone Fragility. *Cell reports*, 27(7), 2050.