

# Resource Summary Report

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## Actin (C-2)

RRID:AB\_626630

Type: Antibody

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### Proper Citation

(Santa Cruz Biotechnology Cat# sc-8432, RRID:AB\_626630)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_626630](http://antibodyregistry.org/AB_626630)

**Proper Citation:** (Santa Cruz Biotechnology Cat# sc-8432, RRID:AB\_626630)

**Target Antigen:** Actin (C-2)

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P), FCM, ELISA; ELISA; Immunohistochemistry; Western Blot; Immunofluorescence; Flow Cytometry; Immunocytochemistry; Immunoprecipitation

**Antibody Name:** Actin (C-2)

**Description:** This monoclonal targets Actin (C-2)

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

**Antibody ID:** AB\_626630

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-8432

**Record Creation Time:** 20241016T223108+0000

**Record Last Update:** 20241016T230230+0000

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## Ratings and Alerts

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

No alerts have been found for Actin (C-2).

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 69 mentions in open access literature.

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

Ando T, et al. (2024) NECTIN2 is a prognostic biomarker and potential therapeutic target in lung adenocarcinoma. *Respiratory investigation*, 62(4), 582.

Peng P, et al. (2024) Pro-survival signaling regulates lipophagy essential for multiple myeloma resistance to stress-induced death. *Cell reports*, 43(7), 114445.

Zhuang X, et al. (2024) Functional genomics identifies N-acetyllactosamine extension of complex N-glycans as a mechanism to evade lysis by natural killer cells. *Cell reports*, 43(4), 114105.

Yang J, et al. (2024) Dystrophin 71 deficiency causes impaired aquaporin-4 polarization contributing to glymphatic dysfunction and brain edema in cerebral ischemia. *Neurobiology of disease*, 199, 106586.

He Y, et al. (2024) Targeting ATAD3A Phosphorylation Mediated by TBK1 Ameliorates Senescence-Associated Pathologies. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, e2404109.

Das S, et al. (2024) M-O-M mediated denaturation resistant P2 tetramer on the infected erythrocyte surface of malaria parasite imports serum fatty acids. *iScience*, 27(5), 109760.

Lee YB, et al. (2024) Function of a complex of p-Y42 RhoA GTPase and pyruvate kinase M2 in EGF signaling pathway in glioma cells. *Journal of neurochemistry*.

Zou Y, et al. (2024) Contactin -Associated protein1 Regulates Autophagy by Modulating the PI3K/AKT/mTOR Signaling Pathway and ATG4B Levels in Vitro and in Vivo. *Molecular neurobiology*.

Xu XX, et al. (2023) Neuronal nitric oxide synthase/reactive oxygen species pathway is involved in apoptosis and pyroptosis in epilepsy. *Neural regeneration research*, 18(6), 1277.

Li Y, et al. (2023) SIRT2 negatively regulates the cGAS-STING pathway by deacetylating G3BP1. *EMBO reports*, 24(12), e57500.

Chen H, et al. (2023) Structural and functional insights into Spns2-mediated transport of sphingosine-1-phosphate. *Cell*, 186(12), 2644.

Mansky RH, et al. (2023) Tumor suppressor p53 regulates heat shock factor 1 protein degradation in Huntington's disease. *Cell reports*, 42(3), 112198.

Chaudhuri P, et al. (2023) p38 MAPK activation and STIM1-Orai3 association mediate TRPC6 externalization. *American journal of physiology. Cell physiology*, 324(6), C1199.

Yang S, et al. (2023) Sp1-like protein KLF13 acts as a negative feedback regulator of TGF- $\beta$  signaling and fibrosis. *Cell reports*, 42(4), 112367.

Park SJ, et al. (2023) Enhanced Glutaminolysis Drives Hypoxia-Induced Chemoresistance in Pancreatic Cancer. *Cancer research*, 83(5), 735.

Chen F, et al. (2023)  $\beta$ 2-Microglobulin exacerbates neuroinflammation, brain damage, and cognitive impairment after stroke in rats. *Neural regeneration research*, 18(3), 603.

Jeon HM, et al. (2023) Tissue factor is a critical regulator of radiation therapy-induced glioblastoma remodeling. *Cancer cell*, 41(8), 1480.

Wilcox NS, et al. (2023) Distinct hypoxia-induced translational profiles of embryonic and adult-derived macrophages. *iScience*, 26(12), 107985.

Crescenzi E, et al. (2023) NGAL Mediates Anaplastic Thyroid Carcinoma Cells Survival Through FAS/CD95 Inhibition. *Endocrinology*, 165(2).

Ding M, et al. (2022) Tumor Microenvironment Acidity Triggers Lipid Accumulation in Liver Cancer via SCD1 Activation. *Molecular cancer research : MCR*, 20(5), 810.