

Resource Summary Report

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Actin Monoclonal Antibody (ACTN05 (C4))

RRID:AB_11004139

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# MA5-11869, RRID:AB_11004139)

Antibody Information

URL: http://antibodyregistry.org/AB_11004139

Proper Citation: (Thermo Fisher Scientific Cat# MA5-11869, RRID:AB_11004139)

Target Antigen: Actin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC/IF, IHC-P, IP, WB

Antibody Name: Actin Monoclonal Antibody (ACTN05 (C4))

Description: This monoclonal targets Actin

Target Organism: chicken, rat, porcine, canine, protozoa, mouse, rabbit, bovine, human

Clone ID: Clone ACTN05 (C4)

Antibody ID: AB_11004139

Vendor: Thermo Fisher Scientific

Catalog Number: MA5-11869

Record Creation Time: 20250719T080439+0000

Record Last Update: 20260225T224447+0000

Ratings and Alerts

No rating or validation information has been found for Actin Monoclonal Antibody (ACTN05 (C4)).

No alerts have been found for Actin Monoclonal Antibody (ACTN05 (C4)).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Le BV, et al. (2026) Pol γ activity modulates sensitivity to standard therapies in DNMT3A-deficient leukemia. Cell reports. Medicine, 7(3), 102687.

Lee JS, et al. (2026) Interaction of IRS2 with PLK1 protects cells from mitotic stress. Cell death & disease, 17(1).

Bao MY, et al. (2026) Oligodendrocyte-encoded lactate dehydrogenase A couples glycolysis to remyelination via protein lactylation. Neuron, 114(14), 2587.

Liu J, et al. (2026) STING signaling in vestibular macrophages underlies Ménière's disease pathogenesis. Journal of neuroinflammation, 23(1).

Mi W, et al. (2026) LKB1 inactivation elicits an NNMT-mediated methyl sink and confers dependence on PRMT5 in lung cancer. Cell reports, 45(6), 117487.

Lapacz KJ, et al. (2025) DPP8/9 processing of human AK2 unmask an IAP binding motif. EMBO reports, 26(11), 2819.

Hwang SJ, et al. (2025) WDJ-S4, a standardized herbal formula, promotes gastrointestinal motility via modulation of the acetylcholine pathway in a loperamide-induced functional dyspepsia mice. Pharmaceutical biology, 63(1), 218.

Xin T, et al. (2025) Recessive epistasis of a synonymous mutation confers cucumber domestication through epitranscriptomic regulation. Cell, 188(17), 4517.

McFadden MJ, et al. (2025) IRE1 γ promotes phagosomal calcium flux to enhance macrophage fungicidal activity. Cell reports, 44(5), 115694.

Lee JS, et al. (2025) Interaction of IRS2 with PLK1 protects cells from mitotic stress. bioRxiv : the preprint server for biology.

Jiao M, et al. (2024) Targeting Catechol-O-Methyltransferase Induces Mitochondrial Dysfunction and Enhances the Efficacy of Radiotherapy in Glioma. Cancer research, 84(21), 3640.

Kimmich MJ, et al. (2024) FHOD-1 and profilin protect sarcomeres against contraction-induced deformation in C. elegans. Molecular biology of the cell, 35(11), ar137.

Zoltsman G, et al. (2024) A unique chaperoning mechanism in class A JDPs recognizes and stabilizes mutant p53. *Molecular cell*.

Jiao M, et al. (2024) VHL loss enhances antitumor immunity by activating the anti-viral DNA-sensing pathway. *iScience*, 27(7), 110285.

Han Y, et al. (2023) Three-dimensional multi-color optical nanoscopy at sub-10-nm resolution based on small-molecule organic probes. *Cell reports methods*, 3(9), 100556.

Neault M, et al. (2023) CBFA2T3-GLIS2-dependent pediatric acute megakaryoblastic leukemia is driven by GLIS2 and sensitive to navitoclax. *Cell reports*, 42(9), 113084.

Khatiwada P, et al. (2023) The Transmembrane Protein TM4SF3 Interacts With AR and AR-V7 and is Recruited to AR Target Genes. *Endocrinology*, 164(5).

Han Z, et al. (2022) Dual-Acting Peptides Target EZH2 and AR: A New Paradigm for Effective Treatment of Castration-Resistant Prostate Cancer. *Endocrinology*, 164(1).

Basil P, et al. (2022) Cistrome and transcriptome analysis identifies unique androgen receptor (AR) and AR-V7 splice variant chromatin binding and transcriptional activities. *Scientific reports*, 12(1), 5351.

Lee JS, et al. (2022) The insulin and IGF signaling pathway sustains breast cancer stem cells by IRS2/PI3K-mediated regulation of MYC. *Cell reports*, 41(10), 111759.