

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 2, 2024

GAPDH Monoclonal Antibody (6C5)

RRID:AB_2536381

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# AM4300, RRID:AB_2536381)

Antibody Information

URL: http://antibodyregistry.org/AB_2536381

Proper Citation: (Thermo Fisher Scientific Cat# AM4300, RRID:AB_2536381)

Target Antigen: GAPDH

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICC/IF (1 µg/mL), WB (3 µg/mL)

Antibody Name: GAPDH Monoclonal Antibody (6C5)

Description: This monoclonal targets GAPDH

Target Organism: amphibian, canine, chicken, fish, human, mouse, rabbit, rat

Clone ID: Clone 6C5

Defining Citation:

[PMID:23892475](#), [PMID:22245112](#), [PMID:23974097](#), [PMID:24423080](#), [PMID:26779809](#),
[PMID:26363554](#), [PMID:26678431](#), [PMID:27102360](#), [PMID:26413218](#), [PMID:23047288](#),
[PMID:21980468](#), [PMID:22246438](#), [PMID:20606037](#), [PMID:21549111](#), [PMID:26731516](#),
[PMID:27064541](#), [PMID:23376368](#), [PMID:20581455](#), [PMID:23698793](#), [PMID:23528838](#),
[PMID:26429917](#), [PMID:23365451](#), [PMID:24859754](#), [PMID:25058378](#), [PMID:25765318](#),
[PMID:25852189](#), [PMID:22039477](#), [PMID:19167904](#), [PMID:21292134](#), [PMID:25734240](#),
[PMID:24993042](#), [PMID:24519527](#), [PMID:27032383](#), [PMID:24742914](#), [PMID:26814436](#),
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[PMID:21525356](#), [PMID:18984674](#), [PMID:20974982](#), [PMID:24549040](#), [PMID:18212057](#),
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[PMID:25713082](#), [PMID:25908446](#), [PMID:22201751](#), [PMID:24928504](#), [PMID:25210780](#),
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[PMID:25191897](#), [PMID:24875049](#), [PMID:23344777](#), [PMID:23577087](#), [PMID:20100709](#),
[PMID:19073238](#), [PMID:19888333](#), [PMID:21519330](#), [PMID:24916641](#), [PMID:22276165](#),
[PMID:24755468](#), [PMID:24674670](#), [PMID:21990309](#), [PMID:19892711](#), [PMID:26341910](#),
[PMID:22173340](#), [PMID:23776059](#), [PMID:24700450](#), [PMID:23403205](#), [PMID:18632609](#),
[PMID:22589736](#), [PMID:25888330](#), [PMID:26407333](#), [PMID:22090132](#), [PMID:25312837](#),
[PMID:25407900](#), [PMID:24086656](#)

Antibody ID: AB_2536381

Vendor: Thermo Fisher Scientific

Catalog Number: AM4300

Ratings and Alerts

No rating or validation information has been found for GAPDH Monoclonal Antibody (6C5).

No alerts have been found for GAPDH Monoclonal Antibody (6C5).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 86 mentions in open access literature.

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

Ma J, et al. (2024) CHCHD4-TRIAP1 regulation of innate immune signaling mediates skeletal muscle adaptation to exercise. Cell reports, 43(1), 113626.

Wang QM, et al. (2024) Exosomal lncRNA NEAT1 Inhibits NK-Cell Activity to Promote Multiple Myeloma Cell Immune Escape via an EZH2/PBX1 Axis. Molecular cancer research : MCR, 22(2), 125.

Cardanho-Ramos C, et al. (2024) Local mitochondrial replication in the periphery of neurons requires the eEF1A1 protein and the translation of nuclear-encoded proteins. iScience, 27(4), 109136.

Neuhaus M, et al. (2023) EHD2 regulates plasma membrane integrity and downstream insulin receptor signaling events. Molecular biology of the cell, 34(12), ar124.

Tada T, et al. (2023) Prophylaxis and treatment of SARS-CoV-2 infection by an ACE2 receptor decoy in a preclinical animal model. iScience, 26(2), 106092.

Windén KD, et al. (2023) Increased degradation of FMRP contributes to neuronal hyperexcitability in tuberous sclerosis complex. Cell reports, 42(8), 112838.

Guo M, et al. (2023) Molecular, metabolic, and functional CD4 T cell paralysis in the lymph node impedes tumor control. Cell reports, 42(9), 113047.

Cao F, et al. (2023) Myddosome clustering in IL-1 receptor signaling regulates the formation

of an NF- κ B activating signalosome. EMBO reports, 24(10), e57233.

Akl MG, et al. (2023) Complementary gene regulation by NRF1 and NRF2 protects against hepatic cholesterol overload. Cell reports, 42(4), 112399.

Yiew NKH, et al. (2023) Effects of hepatic mitochondrial pyruvate carrier deficiency on de novo lipogenesis and gluconeogenesis in mice. iScience, 26(11), 108196.

Grimes J, et al. (2023) Plasma membrane preassociation drives β -arrestin coupling to receptors and activation. Cell, 186(10), 2238.

Meharwade T, et al. (2023) Cross-activation of FGF, NODAL, and WNT pathways constrains BMP-signaling-mediated induction of the totipotent state in mouse embryonic stem cells. Cell reports, 42(5), 112438.

Du Y, et al. (2023) Protein kinase A activation alleviates cataract formation via increased gap junction intercellular communication. iScience, 26(3), 106114.

Contreras PS, et al. (2023) Beta-coronaviruses exploit cellular stress responses by modulating TFEB and TFE3 activity. iScience, 26(3), 106169.

Iannone C, et al. (2023) PTBP1-activated co-transcriptional splicing controls epigenetic status of pluripotent stem cells. Molecular cell, 83(2), 203.

Xu AF, et al. (2023) Subfunctionalized expression drives evolutionary retention of ribosomal protein paralogs Rps27 and Rps27l in vertebrates. eLife, 12.

Slepak TI, et al. (2023) Dual role of the adhesion G-protein coupled receptor ADRGE5/CD97 in glioblastoma invasion and proliferation. The Journal of biological chemistry, 299(9), 105105.

Massimo G, et al. (2023) Natural mutations of human XDH promote the nitrite (NO₂-)-reductase capacity of xanthine oxidoreductase: A novel mechanism to promote redox health? Redox biology, 67, 102864.

O'Brien S, et al. (2023) FBXW7-loss Sensitizes Cells to ATR Inhibition Through Induced Mitotic Catastrophe. Cancer research communications, 3(12), 2596.

Qian F, et al. (2023) Activation of GPR44 decreases severity of myeloid leukemia via specific targeting of leukemia initiating stem cells. Cell reports, 42(7), 112794.