

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

Arginase-1 (D4E3M™) XP® Rabbit mAb

RRID:AB_2800207

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 93668, RRID:AB_2800207

Antibody Information

URL: http://antibodyregistry.org/AB_2800207

Proper Citation: Cell Signaling Technology Cat# 93668, RRID:AB_2800207

Target Antigen: ARG1

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W, IHC-Bond, IHC-P, IF-F, IF-IC, F

Antibody Name: Arginase-1 (D4E3M™) XP® Rabbit mAb

Description: This recombinant monoclonal targets ARG1

Target Organism: rat, mouse, human

Clone ID: Clone D4E3M™

Antibody ID: AB_2800207

Vendor: Cell Signaling Technology

Catalog Number: 93668

Record Creation Time: 20250819T233103+0000

Record Last Update: 20250820T053453+0000

Ratings and Alerts

No rating or validation information has been found for Arginase-1 (D4E3M™) XP® Rabbit mAb.

No alerts have been found for Arginase-1 (D4E3M™) XP® Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 59 mentions in open access literature.

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

Gogiraju R, et al. (2026) Loss of erythrocyte arginase-1 impairs vasorelaxation due to endothelial GSNOR overexpression and denitrosylation of G protein subunits. Redox biology, 94, 104201.

Cheng X, et al. (2026) Interleukin-34-Induced Arg1+ Macrophages Play a Key Role in Breast Cancer Brain Metastasis. Cancer research communications, 6(6), 1388.

Jiang L, et al. (2026) Neuroprotective response against the onset of ischemic stroke by upregulation of histone H3Y99 sulfation. Cell reports. Medicine, 7(3), 102684.

Garczyk M, et al. (2026) Targeting PI3K γ suppresses pancreatic cancer by dual disruption of fibrosis and immune evasion. Cell reports, 45(4), 117188.

Wei Y, et al. (2026) Casticin promotes M2 macrophage polarisation and dorsal root ganglion neuronal autophagy to alleviate cold hyperalgesia in knee osteoarthritis by regulating histone-lysine N-methyltransferase (SETDB2). British journal of pharmacology, 183(16), 5033.

Wang Y, et al. (2026) An organ-conformal, kirigami-structured bioelectronic patch for precise intracellular delivery. Cell, 189(4), 1086.

Mirzaei R, et al. (2026) Spatial single-cell profiling identifies protein kinase C δ -expressing microglia with anti-tumor function in glioblastoma. iScience, 29(1), 114281.

Nakanishi N, et al. (2026) VEGF-C-mediated cardiac lymphangiogenesis promotes inflammation resolution in autoimmune acute myocarditis in mice. Cardiovascular research, 122(6), 707.

Subramani E, et al. (2026) Targeting arginine metabolism overcomes chemotherapy resistance in aggressive-variant prostate cancers. iScience, 29(6), 116184.

Shao LJ, et al. (2026) Myeloid MMP14 couples extracellular proteolysis to inflammatory and metabolic remodeling during obesity. Cell reports, 45(7), 117681.

Hu X, et al. (2025) TCF19/CDKN2A Regulates Glycolysis and Macrophage M2 Polarization for Osteosarcoma Progression. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(7), e70519.

Kawarizadeh K, et al. (2025) Absence of BCAP in myeloid cells abrogates M2 macrophage differentiation and promotes anti-tumor immunity. *iScience*, 28(11), 113723.

How JA, et al. (2025) Pembrolizumab plus chemotherapy in frontline treatment of advanced ovarian cancer: Clinical and translational results from a phase 2 trial. *Med (New York, N.Y.)*, 6(1), 100494.

Liu Y, et al. (2025) Combined KRAS Inhibition and Immune Therapy Generates Durable Complete Responses in an Autochthonous PDAC Model. *Cancer discovery*, 15(1), 162.

Peng L, et al. (2025) Oral Multi-Enzymatic Manganese-Carbon Dots Alleviate Sepsis-Associated Lung Injury via the Gut-Lung Axis. *ACS nano*, 19(43), 37758.

Mahat DB, et al. (2025) Mutant p53 exploits enhancers to elevate immunosuppressive chemokine expression and impair immune checkpoint inhibitors in pancreatic cancer. *Immunity*, 58(7), 1688.

Steinberg M, et al. (2025) Cannabidiol directly targets the immunosuppressive activity of regulatory myeloid cells in tumors. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 192, 118697.

Hirade K, et al. (2025) Inhibiting KRAS with CD47 and immune checkpoint overcomes intrinsic resistance to combined KRAS and immune checkpoint inhibitor therapy. *Cell reports. Medicine*, 6(9), 102317.

Liu L, et al. (2025) TWEAK-Fn14 signaling protects mice from pulmonary fibrosis by inhibiting fibroblast activation and recruiting pro-regenerative macrophages. *Cell reports*, 44(2), 115220.

Yabaji SM, et al. (2025) Dysplastic lung repair fosters a tuberculosis-promoting microenvironment through maladaptive macrophage polarization. *PLoS pathogens*, 21(10), e1013563.