

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 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 [SPARC SAWG](#) .

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.