

Resource Summary Report

Generated by SPARC SAWG on Aug 21, 2026

CD8a

RRID:AB_396769

Type: Antibody

Proper Citation

BD Biosciences Cat# 557654, RRID:AB_396769

Antibody Information

URL: http://antibodyregistry.org/AB_396769

Proper Citation: BD Biosciences Cat# 557654, RRID:AB_396769

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD8a

Description: This monoclonal targets CD8a

Target Organism: mouse

Antibody ID: AB_396769

Vendor: BD Biosciences

Catalog Number: 557654

Record Creation Time: 20250820T014215+0000

Record Last Update: 20250820T113815+0000

Ratings and Alerts

No rating or validation information has been found for CD8a.

No alerts have been found for CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 39 mentions in open access literature.

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

Rodríguez-Guilarte L, et al. (2026) Regulation of antiviral immunity by PD-1 during respiratory syncytial virus infection and upon vaccination. *iScience*, 29(6), 116157.

Heras-Murillo I, et al. (2026) Mitochondrial metabolism regulates the immunogenic responsiveness of dendritic cells. *Cell metabolism*, 38(6), 1097.

Williams BG, et al. (2026) Analysis of monoclonal antibodies against the malaria invasion complex protein RIPR reveals the structural basis for synergistic antibody protection. *Immunity*.

Dong Z, et al. (2026) Engineering oral commensal nanovaccines to activate mucosal-systemic immune cascades against tumor. *Cell host & microbe*.

Xie X, et al. (2026) Eos plays a critical role in Treg homeostasis and modulates the function of recirculating thymic Tregs in the control of Treg development. *Cell reports*, 45(1), 116838.

Xu B, et al. (2025) Fatty acids modulate the colorectal cancer immune microenvironment via regulating the interaction and transactivation of PPAR α and P53. *Cell reports*, 44(12), 116623.

Wang H, et al. (2025) Probiotic-mediated tumor microenvironment reprogramming with protease-sensitive interleukin-15 and photothermal therapy. *Cell reports. Medicine*, 6(6), 102191.

Xu Y, et al. (2025) Sensitized mast cells for targeted drug delivery and augmented cancer immunotherapy. *Cell*.

Zhang J, et al. (2025) Bacterial pneumonia induces senescence in resident alveolar macrophages that are outcompeted by monocytes. *Cell reports*, 44(5), 115571.

Josi R, et al. (2024) A tetravalent nanovaccine that inhibits growth of HPV-associated head and neck carcinoma via dendritic and T cell activation. *iScience*, 27(4), 109439.

Carlile SR, et al. (2024) *Staphylococcus aureus* induced trained immunity in macrophages confers heterologous protection against gram-negative bacterial infection. *iScience*, 27(12), 111284.

Jia D, et al. (2024) Microbial metabolite enhances immunotherapy efficacy by modulating T cell stemness in pan-cancer. *Cell*, 187(7), 1651.

Sun X, et al. (2024) Deletion of the mRNA endonuclease Regnase-1 promotes NK cell anti-tumor activity via OCT2-dependent transcription of Ifng. *Immunity*, 57(6), 1360.

Tang R, et al. (2023) Targeting neoadjuvant chemotherapy-induced metabolic reprogramming in pancreatic cancer promotes anti-tumor immunity and chemo-response. *Cell reports. Medicine*, 4(10), 101234.

Takimoto Y, et al. (2023) Myeloid TLR4 signaling promotes post-injury withdrawal resolution of murine liver fibrosis. *iScience*, 26(3), 106220.

Sonomoto K, et al. (2023) High-fat-diet-associated intestinal microbiota exacerbates psoriasis-like inflammation by enhancing systemic ?? T cell IL-17 production. *Cell reports*, 42(7), 112713.

Kim HH, et al. (2023) xCT-mediated glutamate excretion in white adipocytes stimulates interferon-? production by natural killer cells in obesity. *Cell reports*, 42(6), 112636.

Martinez-Ordoñez A, et al. (2023) Hyaluronan driven by epithelial aPKC deficiency remodels the microenvironment and creates a vulnerability in mesenchymal colorectal cancer. *Cancer cell*, 41(2), 252.

Akter S, et al. (2022) Mycobacterium tuberculosis infection drives a type I IFN signature in lung lymphocytes. *Cell reports*, 39(12), 110983.

Houde N, et al. (2022) Fine-tuning of MEK signaling is pivotal for limiting B and T cell activation. *Cell reports*, 38(2), 110223.