

Resource Summary Report

Generated by [NIF](#) on Jul 31, 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 34 mentions in open access literature.

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

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

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 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.

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.

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

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

Kim HH, et al. (2023) xCT-mediated glutamate excretion in white adipocytes stimulates interferon- γ 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.

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

Xiang H, et al. (2022) Vps33B controls Treg cell suppressive function through inhibiting lysosomal nutrient sensing complex-mediated mTORC1 activation. *Cell reports*, 39(11), 110943.

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

Wiede F, et al. (2022) PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. *Cancer discovery*, 12(3), 752.

Xia Y, et al. (2022) BCL6-dependent TCF-1+ progenitor cells maintain effector and helper CD4+ T cell responses to persistent antigen. *Immunity*, 55(7), 1200.

Masle-Farquhar E, et al. (2022) STAT3 gain-of-function mutations connect leukemia with autoimmune disease by pathological NKG2Dhi CD8+ T cell dysregulation and accumulation. *Immunity*, 55(12), 2386.

Lynn MA, et al. (2022) Protocol to colonize gnotobiotic mice in early life and assess the impact on early life immune programming. *STAR protocols*, 3(4), 101914.