

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

CD8a

RRID:AB_394506

Type: Antibody

Proper Citation

BD Biosciences Cat# 552877, RRID:AB_394506

Antibody Information

URL: http://antibodyregistry.org/AB_394506

Proper Citation: BD Biosciences Cat# 552877, RRID:AB_394506

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD8a

Description: This monoclonal targets CD8a

Target Organism: mouse

Antibody ID: AB_394506

Vendor: BD Biosciences

Catalog Number: 552877

Record Creation Time: 20250820T063211+0000

Record Last Update: 20250821T002220+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 42 mentions in open access literature.

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

Zhou J, et al. (2026) Gut microbiota-derived indole-3-lactic acid suppresses anti-PD-1 efficacy in esophageal squamous cell carcinoma. *Cell host & microbe*, 34(4), 639.

Chen XL, et al. (2026) FAK inhibition in ovarian cancer releases omega-3 fatty acids to program CXCL13-producing anti-tumor resident peritoneal macrophages. *Cell reports*, 45(3), 117009.

Wu L, et al. (2026) Controlled pyroptosis of engineered macrophages enables biphasic antitumor via the release of oncolytic bacteria and inflammatory signals. *Cell reports*, 45(2), 116918.

Zou W, et al. (2026) MSCs delivering LIGHT prime immune response against CAFs to harness antigen loss variants. *Cancer gene therapy*, 33(4), 405.

Mansoori B, et al. (2025) A K27-linked Ubiquitin Checkpoint Controls NOTCH Homeostasis. *bioRxiv : the preprint server for biology*.

Earnshaw CH, et al. (2025) Glucocorticoids Unleash Immune-dependent Melanoma Control through Inhibition of the GARP/TGF β Axis. *Cancer discovery*, OF1.

Luo W, et al. (2025) The role of Tim-3⁺T cell subsets in the peripheral blood of patients with COVID-19 and diabetes. *iScience*, 28(5), 112339.

Lei J, et al. (2025) Fluorinated prodrug-engineered nano-remodeler relieves tumor hypoxia for dual-enhanced ferroptosis-immunotherapy. *Cell reports. Medicine*, 6(11), 102427.

Voltarelli VA, et al. (2024) Moderate-intensity aerobic exercise training improves CD8⁺ tumor-infiltrating lymphocytes effector function by reducing mitochondrial loss. *iScience*, 27(6), 110121.

Kim U, et al. (2024) β Np63 regulates MDSC survival and metabolism in triple-negative breast cancer. *iScience*, 27(4), 109366.

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.

Domenjo-Vila E, et al. (2023) XCR1⁺ DCs are critical for T cell-mediated immunotherapy of chronic viral infections. *Cell reports*, 42(2), 112123.

Freeman KG, et al. (2023) Virion glycosylation influences mycobacteriophage immune recognition. *Cell host & microbe*, 31(7), 1216.

Olivera I, et al. (2023) mRNAs encoding IL-12 and a decoy-resistant variant of IL-18 synergize to engineer T cells for efficacious intratumoral adoptive immunotherapy. *Cell reports. Medicine*, 4(3), 100978.

Weckel A, et al. (2023) Long-term tolerance to skin commensals is established neonatally through a specialized dendritic cell subgroup. *Immunity*, 56(6), 1239.

Yoshimatsu Y, et al. (2022) Aryl hydrocarbon receptor signals in epithelial cells govern the recruitment and location of Helios⁺ Tregs in the gut. *Cell reports*, 39(6), 110773.

D'Agostino MR, et al. (2022) Protocol for isolation and characterization of lung tissue resident memory T cells and airway trained innate immunity after intranasal vaccination in mice. *STAR protocols*, 3(3), 101652.

Tilsed CM, et al. (2022) CD4⁺ T cells drive an inflammatory, TNF- α /IFN-rich tumor microenvironment responsive to chemotherapy. *Cell reports*, 41(13), 111874.

Afkhami S, et al. (2022) Respiratory mucosal delivery of next-generation COVID-19 vaccine provides robust protection against both ancestral and variant strains of SARS-CoV-2. *Cell*, 185(5), 896.

Merana GR, et al. (2022) Intestinal inflammation alters the antigen-specific immune response to a skin commensal. *Cell reports*, 39(9), 110891.