

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

Rat Anti-CD8a Monoclonal Antibody, PE-Cy7 Conjugated, Clone 53-6.7

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: Rat Anti-CD8a Monoclonal Antibody, PE-Cy7 Conjugated, Clone 53-6.7

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_394506

Vendor: BD Biosciences

Catalog Number: 552877

Record Creation Time: 20231110T044634+0000

Record Last Update: 20260830T013058+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD8a Monoclonal Antibody, PE-Cy7 Conjugated, Clone 53-6.7.

No alerts have been found for Rat Anti-CD8a Monoclonal Antibody, PE-Cy7 Conjugated, Clone 53-6.7.

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 [RRID](#) .

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.

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.

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.

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

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

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.