

Resource Summary Report

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

Rat Anti-CD8a Monoclonal Antibody, Phycoerythrin Conjugated, Clone 53-6.7

RRID:AB_394571

Type: Antibody

Proper Citation

BD Biosciences Cat# 553033, RRID:AB_394571

Antibody Information

URL: http://antibodyregistry.org/AB_394571

Proper Citation: BD Biosciences Cat# 553033, RRID:AB_394571

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Rat Anti-CD8a Monoclonal Antibody, Phycoerythrin Conjugated, Clone 53-6.7

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_394571

Vendor: BD Biosciences

Catalog Number: 553033

Record Creation Time: 20231110T044633+0000

Record Last Update: 20260829T223446+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Roger A, et al. (2026) Sensory neuron production of substance P and TFAA4 promotes disease tolerance during viral infection. Immunity, 59(3), 682.

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

Wang H, et al. (2026) Targeting TMED4 enhances CD8+ T cell function and CAR T cell efficacy in solid tumors through the IRE1?-autophagy axis. Science advances, 12(24), eade0517.

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. Cell, 188(13), 3477.

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

Hagihara M, et al. (2025) Clostridium butyricum-altered lung microbiome is associated with enhanced anti-influenza effects via G-protein-coupled receptor120. iScience, 28(10), 113502.

Ishida T, et al. (2025) Differentiation latency and dormancy signatures define fetal liver hematopoietic stem cells at single-cell resolution. Cell reports, 44(10), 116289.

Zhang J, et al. (2025) Thymic dendritic cell-derived IL-27p28 promotes the establishment of functional bias against IFN-? production in newly generated CD4+ T cells through STAT1-related epigenetic mechanisms. eLife, 13.

Gao Y, et al. (2025) Trilaciclib triggers a neutrophil-related immune response and sensitizes non-small cell lung cancer to anti-PD-1 therapy. Cell reports. Medicine, 6(11), 102434.

Nater M, et al. (2025) Hepatic iNKT cells facilitate colorectal cancer metastasis by inducing a fibrotic niche in the liver. iScience, 28(5), 112364.

Hong J, et al. (2025) PSPC1 exerts an oncogenic role in AML by regulating a leukemic transcription program in cooperation with PU.1. *Cell stem cell*, 32(3), 463.

Wu J, et al. (2024) Baf155 controls hematopoietic differentiation and regeneration through chromatin priming. *Cell reports*, 43(8), 114558.

Liu X, et al. (2024) SWI/SNF chromatin remodeling factor BAF60b restrains inflammatory diseases by affecting regulatory T cell migration. *Cell reports*, 43(7), 114458.

Meza-Perez S, et al. (2024) Proteobacteria impair anti-tumor immunity in the omentum by consuming arginine. *Cell host & microbe*, 32(7), 1177.

Beck JD, et al. (2024) Long-lasting mRNA-encoded interleukin-2 restores CD8+ T cell neoantigen immunity in MHC class I-deficient cancers. *Cancer cell*.

Zhu M, et al. (2024) The trogocytosis of neutrophils on initial transplanted tumor in mice. *iScience*, 27(5), 109661.

Zhu R, et al. (2024) ACSS2 acts as a lactyl-CoA synthetase and couples KAT2A to function as a lactyltransferase for histone lactylation and tumor immune evasion. *Cell metabolism*.

Lee J, et al. (2024) Impaired autophagy in myeloid cells aggravates psoriasis-like skin inflammation through the IL-1 β /CXCL2/neutrophil axis. *Cell & bioscience*, 14(1), 57.

Mei D, et al. (2024) Immune isolation-enabled nanoencapsulation of donor T cells: a promising strategy for mitigating GVHD and treating AML in preclinical models. *Journal for immunotherapy of cancer*, 12(9).

Montégut L, et al. (2024) Acyl-coenzyme A binding protein (ACBP) - a risk factor for cancer diagnosis and an inhibitor of immunosurveillance. *Molecular cancer*, 23(1), 187.