

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

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

RRID:AB_394567

Type: Antibody

Proper Citation

BD Biosciences Cat# 553029, RRID:AB_394567

Antibody Information

URL: http://antibodyregistry.org/AB_394567

Proper Citation: BD Biosciences Cat# 553029, RRID:AB_394567

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

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

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_394567

Vendor: BD Biosciences

Catalog Number: 553029

Record Creation Time: 20250820T051459+0000

Record Last Update: 20250820T210926+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Zhou YD, et al. (2026) Tissue-specific tolerance mechanisms and lymph node co-drainage shape T cell immunity in the upper digestive system and pancreatic cancer progression. Cell reports, 45(5), 117324.

Laulhé X, et al. (2026) B cell-intrinsic type I interferon signaling contributes to defective antibody responses to a model antigen during persistent LCMV infection. Cell reports, 45(4), 117145.

Ziogas A, et al. (2025) Long-term histone lactylation connects metabolic and epigenetic rewiring in innate immune memory. Cell, 188(11), 2992.

Zhou YD, et al. (2025) T cell fate is dictated by different antigen presenting cells in response to dietary versus gut epithelial self-antigen. bioRxiv : the preprint server for biology.

Libri AB, et al. (2025) Senataxin promotes recombination fidelity during antigen receptor gene diversification. Science signaling, 18(908), eadv8801.

Osaki M, et al. (2025) Soluble CTLA-4 regulates immune homeostasis and promotes resolution of inflammation by suppressing type 1 but allowing type 2 immunity. Immunity, 58(4), 889.

Kucinski I, et al. (2024) A time- and single-cell-resolved model of murine bone marrow hematopoiesis. Cell stem cell, 31(2), 244.

Rommel MGE, et al. (2022) Influenza A virus infection instructs hematopoiesis to megakaryocyte-lineage output. Cell reports, 41(1), 111447.

Mutabaruka MS, et al. (2022) A Foxo1-Klf2-S1pr1-Gnai1-Rac1 signaling axis is a critical mediator of Ostm1 regulatory network in T lymphopoiesis. iScience, 25(4), 104160.

Downey J, et al. (2022) Mitochondrial cyclophilin D promotes disease tolerance by licensing NK cell development and IL-22 production against influenza virus. Cell reports, 39(12), 110974.

Kfoury YS, et al. (2021) tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. *Cell stem cell*, 28(12), 2090.

Wagner M, et al. (2020) Tumor-Derived Lactic Acid Contributes to the Paucity of Intratumoral ILC2s. *Cell reports*, 30(8), 2743.

Eastman AE, et al. (2020) Resolving Cell Cycle Speed in One Snapshot with a Live-Cell Fluorescent Reporter. *Cell reports*, 31(12), 107804.

Moorlag SJCFM, et al. (2020) β -Glucan Induces Protective Trained Immunity against *Mycobacterium tuberculosis* Infection: A Key Role for IL-1. *Cell reports*, 31(7), 107634.

Khan N, et al. (2020) *M. tuberculosis* Reprograms Hematopoietic Stem Cells to Limit Myelopoiesis and Impair Trained Immunity. *Cell*, 183(3), 752.

Browning LM, et al. (2020) Bone Morphogenic Proteins Are Immunoregulatory Cytokines Controlling FOXP3⁺ Treg Cells. *Cell reports*, 33(1), 108219.

Paris J, et al. (2019) Targeting the RNA m6A Reader YTHDF2 Selectively Compromises Cancer Stem Cells in Acute Myeloid Leukemia. *Cell stem cell*, 25(1), 137.

Sasaki T, et al. (2019) Innate Lymphoid Cells in the Induction of Obesity. *Cell reports*, 28(1), 202.

Martínez-López M, et al. (2019) Microbiota Sensing by Mincle-Syk Axis in Dendritic Cells Regulates Interleukin-17 and -22 Production and Promotes Intestinal Barrier Integrity. *Immunity*, 50(2), 446.

Severe N, et al. (2019) Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. *Cell stem cell*, 25(4), 570.