

# Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

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

RRID:AB\_394566

Type: Antibody

### Proper Citation

BD Biosciences Cat# 553028, RRID:AB\_394566

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_394566](http://antibodyregistry.org/AB_394566)

**Proper Citation:** BD Biosciences Cat# 553028, RRID:AB\_394566

**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\_394566

**Vendor:** BD Biosciences

**Catalog Number:** 553028

**Record Creation Time:** 20250820T060524+0000

**Record Last Update:** 20250820T231629+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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Newen AM, et al. (2026) Distributed clonal deletion prevents autoimmune disease progression. Cell reports, 45(8), 117723.

Pioli KT, et al. (2025) Lymphopoiesis is attenuated upon hepatocyte-specific deletion of the cytochrome c oxidase assembly factor Sco1. iScience, 28(4), 112151.

Xu P, et al. (2025) Defect in hematopoiesis and embryonic lethality at midgestation of Vps13a/Vps13c double knockout mice. bioRxiv : the preprint server for biology.

Sievert EP, et al. (2025) Distinct plasmablast developmental intermediates produce graded expression of IgM secretory transcripts. Cell reports, 44(2), 115283.

Xu P, et al. (2025) Impaired hematopoiesis and embryonic lethality at midgestation of mice lacking both lipid transfer proteins VPS13A and VPS13C. PLoS biology, 23(9), e3003393.

Priam P, et al. (2024) Smarcd1 subunit of SWI/SNF chromatin-remodeling complexes collaborates with E2a to promote murine lymphoid specification. Developmental cell, 59(23), 3124.

Cui X, et al. (2023) Latexin regulates sex dimorphism in hematopoiesis via gender-specific differential expression of microRNA 98-3p and thrombospondin 1. Cell reports, 42(3), 112274.

von Wulffen M, et al. (2023) S100A8/A9-alarmin promotes local myeloid-derived suppressor cell activation restricting severe autoimmune arthritis. Cell reports, 42(8), 113006.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. iScience, 26(5), 106698.

Gatsiou A, et al. (2023) The RNA editor ADAR2 promotes immune cell trafficking by enhancing endothelial responses to interleukin-6 during sterile inflammation. Immunity, 56(5), 979.

McCauley KE, et al. (2022) Heritable vaginal bacteria influence immune tolerance and relate to early-life markers of allergic sensitization in infancy. *Cell reports. Medicine*, 3(8), 100713.

Sá da Bandeira D, et al. (2022) PDGFR $\alpha$ <sup>+</sup> cells play a dual role as hematopoietic precursors and niche cells during mouse ontogeny. *Cell reports*, 40(3), 111114.

Young IC, et al. (2021) Differentiation of fetal hematopoietic stem cells requires ARID4B to restrict autocrine KITLG/KIT-Src signaling. *Cell reports*, 37(8), 110036.

Moretti FA, et al. (2018) Differential requirement of kindlin-3 for T cell progenitor homing to the non-vascularized and vascularized thymus. *eLife*, 7.

Morimoto Y, et al. (2018) Amphiregulin-Producing Pathogenic Memory T Helper 2 Cells Instruct Eosinophils to Secrete Osteopontin and Facilitate Airway Fibrosis. *Immunity*, 49(1), 134.