

Resource Summary Report

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

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

RRID:AB_394569

Type: Antibody

Proper Citation

BD Biosciences Cat# 553031, RRID:AB_394569

Antibody Information

URL: http://antibodyregistry.org/AB_394569

Proper Citation: BD Biosciences Cat# 553031, RRID:AB_394569

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

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

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_394569

Vendor: BD Biosciences

Catalog Number: 553031

Record Creation Time: 20231110T044633+0000

Record Last Update: 20260829T211116+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Liu J, et al. (2026) Extracellular GPX4 impairs antitumor immunity via dendritic ZP3 receptors. *Cell*.

Seo H, et al. (2026) Development and computational analysis of high dimensional spectral flow cytometry data for the resolution of innate lymphoid cells in the mammary tumor microenvironment. *Frontiers in immunology*, 17, 1730567.

Kamimae-Lanning AN, et al. (2026) Metabolite-induced DNA damage drives stochastic stem cell loss and clonal hematopoiesis. *Cell stem cell*, 33(4), 642.

Kim TY, et al. (2026) Newly isolated human-derived *Lactobacillus fermentum* strain stimulates IFN- γ -secreting CD8⁺ T cells for enhanced anti-cancer immunity. *iScience*, 29(5), 115642.

Zhou K, et al. (2025) M1-like macrophages regulate T cell infiltration in colorectal cancer through P2X4 receptor. *iScience*, 28(10), 113517.

Russick J, et al. (2024) Tumor stage-driven disruption of NK cell maturation in human and murine tumors. *iScience*, 27(11), 111233.

Wang M, et al. (2023) Genotoxic aldehyde stress prematurely ages hematopoietic stem cells in a p53-driven manner. *Molecular cell*, 83(14), 2417.

Miyamoto K, et al. (2023) The gut microbiota-induced kynurenic acid recruits GPR35-positive macrophages to promote experimental encephalitis. *Cell reports*, 42(8), 113005.

Lee JH, et al. (2022) Alzheimer's disease protease-containing plasma extracellular vesicles transfer to the hippocampus via the choroid plexus. *EBioMedicine*, 77, 103903.

Fernández-Pisonero I, et al. (2022) A hotspot mutation targeting the R-RAS2 GTPase acts as a potent oncogenic driver in a wide spectrum of tumors. *Cell reports*, 38(11), 110522.

Pfirschke C, et al. (2022) Macrophage-Targeted Therapy Unlocks Antitumoral Cross-talk between IFN γ -Secreting Lymphocytes and IL12-Producing Dendritic Cells. *Cancer*

immunology research, 10(1), 40.

Edmunds GL, et al. (2022) Adenosine 2A receptor and TIM3 suppress cytolytic killing of tumor cells via cytoskeletal polarization. *Communications biology*, 5(1), 9.

Mandula JK, et al. (2022) Ablation of the endoplasmic reticulum stress kinase PERK induces paraptosis and type I interferon to promote anti-tumor T cell responses. *Cancer cell*, 40(10), 1145.

Gros M, et al. (2022) Endocytic membrane repair by ESCRT-III controls antigen export to the cytosol during antigen cross-presentation. *Cell reports*, 40(7), 111205.

Hos BJ, et al. (2022) Cancer-specific T helper shared and neo-epitopes uncovered by expression of the MHC class II master regulator CIITA. *Cell reports*, 41(2), 111485.

Eriksson M, et al. (2022) T cell kinetics reveal expansion of distinct lung T cell subsets in acute versus in resolved influenza virus infection. *Frontiers in immunology*, 13, 949299.

Nanou A, et al. (2021) Endothelial Tpl2 regulates vascular barrier function via JNK-mediated degradation of claudin-5 promoting neuroinflammation or tumor metastasis. *Cell reports*, 35(8), 109168.

Giampazolias E, et al. (2021) Secreted gelsolin inhibits DNGR-1-dependent cross-presentation and cancer immunity. *Cell*, 184(15), 4016.

DeVito NC, et al. (2021) Pharmacological Wnt ligand inhibition overcomes key tumor-mediated resistance pathways to anti-PD-1 immunotherapy. *Cell reports*, 35(5), 109071.

Costa FRC, et al. (2021) NLRP1 acts as a negative regulator of Th17 cell programming in mice and humans with autoimmune diabetes. *Cell reports*, 35(8), 109176.