

Resource Summary Report

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Rat Anti-CD8a Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone 53-6.7

RRID:AB_394081

Type: Antibody

Proper Citation

BD Biosciences Cat# 551162, RRID:AB_394081

Antibody Information

URL: http://antibodyregistry.org/AB_394081

Proper Citation: BD Biosciences Cat# 551162, RRID:AB_394081

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Rat Anti-CD8a Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone 53-6.7

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Antibody ID: AB_394081

Vendor: BD Biosciences

Catalog Number: 551162

Record Creation Time: 20250820T025442+0000

Record Last Update: 20250820T145108+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD8a Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone 53-6.7.

No alerts have been found for Rat Anti-CD8a Monoclonal Antibody, PerCP-Cy5.5 Conjugated, Clone 53-6.7.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Jakobsen JS, et al. (2026) Sym024 Interacts with a Unique Epitope on the CD73 Homodimer, Favoring Effective Bivalent Binding to Improve Anti-PD-1 Therapy. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(6), 1120.

Zhang L, et al. (2026) Triple-armed oncolytic HSV enhances antitumor immunity by remodeling the tumor microenvironment in subcutaneous murine CRC. iScience, 29(6), 115883.

Zhang H, et al. (2026) Genetic ablation of Sfxn5 induces mitochondrial dysfunction and precipitates lethal metabolic crisis in mice. iScience, 29(7), 116468.

Ta N, et al. (2026) Targeting p21-High Senescent Kupffer Cells Nanotherapeutically Potentiates Antitumor Immunity in Advanced Hepatocellular Carcinoma with Portal Vein Tumor Thrombus. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e76384.

Cheng J, et al. (2026) Efficacy and safety of autologous CD5-KO anti-CD5 CAR-T cells in relapsed/refractory CD5+ hematological malignancies. Cell reports. Medicine, 7(2), 102584.

Dai W, et al. (2026) An IGF2BP3-dependent metabolic circuit governs macrophage recruitment and immunosuppression in glioblastoma. Cell reports, 45(7), 117643.

Kim HC, et al. (2025) Gut microbiota dysbiosis induced by brain tumors modulates the efficacy of immunotherapy. Cell reports, 44(7), 115825.

Hua D, et al. (2025) Synergistic effects of Clostridium butyricum and Akkermansia muciniphila-derived postbiotics ameliorate DSS-induced colitis and associated tumorigenesis through immunomodulation and microbiota regulation in mice. mSystems, e0068925.

Wu Y, et al. (2025) DA-DRD5 signaling reprograms B cells to promote CD8+ T cell-mediated antitumor immunity. Cell reports, 44(3), 115364.

Yang Z, et al. (2025) Temporally programmed STING nanoadjuvant delivery unlocks synergistic chemotherapy-induced antitumor immunity. *Science advances*, 11(29), eadw0797.

Marchingo JM, et al. (2025) PIM kinase control of CD8 T cell protein synthesis and cell trafficking. *eLife*, 13.

Yuan RY, et al. (2025) A single-dose nanoparticle vaccine protects against mpox in preclinical models. *Cell reports*, 44(10), 116358.

Chen J, et al. (2025) Identification and validation of intratumoral microbiome associated with sensitization to immune checkpoint inhibitors. *Cell reports. Medicine*, 6(9), 102306.

Cai HM, et al. (2025) DDX3X mutation and Epstein-Barr virus cooperate to induce R-loop-dependent oncogenesis. *Cell reports*, 44(9), 116237.

Hua D, et al. (2025) The combination of *Clostridium butyricum* and *Akkermansia muciniphila* mitigates DSS-induced colitis and attenuates colitis-associated tumorigenesis by modulating gut microbiota and reducing CD8⁺ T cells in mice. *mSystems*, 10(2), e0156724.

Corriveau J, et al. (2025) Inhibition of PAK2 in endothelial cells suppresses tumor angiogenesis and promotes immune sensitization through CXCL10. *Cell reports*, 45(1), 116840.

Zhou W, et al. (2024) Stem-like progenitor and terminally differentiated TFH-like CD4⁺ T cell exhaustion in the tumor microenvironment. *Cell reports*, 43(2), 113797.

Jia X, et al. (2024) High expression of oleoyl-ACP hydrolase underpins life-threatening respiratory viral diseases. *Cell*, 187(17), 4586.

Ichiyama K, et al. (2024) Transcription factor *Ikzf1* associates with *Foxp3* to repress gene expression in Treg cells and limit autoimmunity and anti-tumor immunity. *Immunity*, 57(9), 2043.

Wang L, et al. (2024) Targeting the HSP47-collagen axis inhibits brain metastasis by reversing M2 microglial polarization and restoring anti-tumor immunity. *Cell reports. Medicine*, 5(5), 101533.