

Resource Summary Report

Generated by SPARC SAWG on Aug 11, 2026

CD8a

RRID:AB_394573

Type: Antibody

Proper Citation

BD Biosciences Cat# 553036, RRID:AB_394573

Antibody Information

URL: http://antibodyregistry.org/AB_394573

Proper Citation: BD Biosciences Cat# 553036, RRID:AB_394573

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD8a

Description: This monoclonal targets CD8a

Target Organism: mouse

Antibody ID: AB_394573

Vendor: BD Biosciences

Catalog Number: 553036

Record Creation Time: 20250820T053423+0000

Record Last Update: 20250820T215400+0000

Ratings and Alerts

No rating or validation information has been found for CD8a.

No alerts have been found for CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Georgievski A, et al. (2026) Valrubicin-loaded immunoliposomes targeting antigens on immunosuppressive cells to circumvent resistance to cancer immunotherapy. *Cell reports. Medicine*, 7(3), 102632.

González-Domínguez I, et al. (2025) Mucosal multivalent NDV-based vaccine provides cross-reactive immune responses against SARS-CoV-2 variants in animal models. *Frontiers in immunology*, 16, 1524477.

Lambert F, et al. (2025) Antibody-mediated TGF- β 1 activation for the treatment of diseases caused by deleterious T cell activity. *Cell reports*, 44(8), 116061.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. *EBioMedicine*, 105, 105185.

Cheng Y, et al. (2023) High NEK2 expression in myeloid progenitors suppresses T cell immunity in multiple myeloma. *Cell reports. Medicine*, 4(10), 101214.

Sikder MAA, et al. (2023) Maternal diet modulates the infant microbiome and intestinal Flt3L necessary for dendritic cell development and immunity to respiratory infection. *Immunity*, 56(5), 1098.

Le Moine M, et al. (2023) Homeostatic PD-1 signaling restrains EOMES-dependent oligoclonal expansion of liver-resident CD8 T cells. *Cell reports*, 42(8), 112876.

Huang Q, et al. (2022) The primordial differentiation of tumor-specific memory CD8+ T cells as bona fide responders to PD-1/PD-L1 blockade in draining lymph nodes. *Cell*, 185(22), 4049.

Sharma MD, et al. (2021) Inhibition of the BTK-IDO-mTOR axis promotes differentiation of monocyte-lineage dendritic cells and enhances anti-tumor T cell immunity. *Immunity*, 54(10), 2354.

Kawakami R, et al. (2021) Distinct Foxp3 enhancer elements coordinate development, maintenance, and function of regulatory T cells. *Immunity*, 54(5), 947.

Mansell E, et al. (2021) Mitochondrial Potentiation Ameliorates Age-Related Heterogeneity in Hematopoietic Stem Cell Function. *Cell stem cell*, 28(2), 241.

Souza COS, et al. (2021) NLRC4 inhibits NLRP3 inflammasome and abrogates effective antifungal CD8+ T cell responses. *iScience*, 24(6), 102548.

Ertuna YI, et al. (2021) Vectored antibody gene delivery restores host B and T cell control of persistent viral infection. *Cell reports*, 37(9), 110061.

Zhu D, et al. (2020) Major histocompatibility complexes are up-regulated in glomerular endothelial cells via activation of c-Jun N-terminal kinase in 5/6 nephrectomy mice. *British journal of pharmacology*, 177(22), 5131.

Renner K, et al. (2019) Restricting Glycolysis Preserves T Cell Effector Functions and Augments Checkpoint Therapy. *Cell reports*, 29(1), 135.

Harding JS, et al. (2019) VEGF-A from Granuloma Macrophages Regulates Granulomatous Inflammation by a Non-angiogenic Pathway during Mycobacterial Infection. *Cell reports*, 27(7), 2119.

Baptista AP, et al. (2019) The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4⁺ T Cell Peripheralization to Promote Effective Adaptive Immunity. *Immunity*, 50(5), 1188.

Miani M, et al. (2018) Gut Microbiota-Stimulated Innate Lymphoid Cells Support ?-Defensin 14 Expression in Pancreatic Endocrine Cells, Preventing Autoimmune Diabetes. *Cell metabolism*, 28(4), 557.

Ahn J, et al. (2018) Extrinsic Phagocyte-Dependent STING Signaling Dictates the Immunogenicity of Dying Cells. *Cancer cell*, 33(5), 862.

Xu L, et al. (2017) The Kinase mTORC1 Promotes the Generation and Suppressive Function of Follicular Regulatory T Cells. *Immunity*, 47(3), 538.