

Resource Summary Report

Generated by SPARC SAWG on Sep 5, 2026

CD8a

RRID:AB_394565

Type: Antibody

Proper Citation

BD Biosciences Cat# 553027, RRID:AB_394565

Antibody Information

URL: http://antibodyregistry.org/AB_394565

Proper Citation: BD Biosciences Cat# 553027, RRID:AB_394565

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: CD8a

Description: This monoclonal targets CD8a

Target Organism: mouse

Antibody ID: AB_394565

Vendor: BD Biosciences

Catalog Number: 553027

Record Creation Time: 20231110T081129+0000

Record Last Update: 20260829T061920+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Xing Y, et al. (2025) Long-range deployment of tumor-antigen-specific cytotoxic T lymphocytes inhibits lung metastasis of breast cancer. Developmental cell.

Bolini L, et al. (2024) Long-term recruitment of peripheral immune cells to brain scars after a neonatal insult. Glia, 72(3), 546.

Ramachandran M, et al. (2023) Tailoring vascular phenotype through AAV therapy promotes anti-tumor immunity in glioma. Cancer cell, 41(6), 1134.

Hu Y, et al. (2023) Lineage-specific 3D genome organization is assembled at multiple scales by IKAROS. Cell, 186(24), 5269.

Wang Y, et al. (2023) TPL2 kinase activity regulates microglial inflammatory responses and promotes neurodegeneration in tauopathy mice. eLife, 12.

Asrir A, et al. (2022) Tumor-associated high endothelial venules mediate lymphocyte entry into tumors and predict response to PD-1 plus CTLA-4 combination immunotherapy. Cancer cell, 40(3), 318.

de Mattos Barbosa MG, et al. (2021) TNFRSF13B genotypes control immune-mediated pathology by regulating the functions of innate B cells. JCI insight, 6(17).

Lee SH, et al. (2021) TREM2-independent oligodendrocyte, astrocyte, and T cell responses to tau and amyloid pathology in mouse models of Alzheimer disease. Cell reports, 37(13), 110158.

Janela B, et al. (2019) A Subset of Type I Conventional Dendritic Cells Controls Cutaneous Bacterial Infections through VEGF β -Mediated Recruitment of Neutrophils. Immunity, 50(4), 1069.

Goltsev Y, et al. (2018) Deep Profiling of Mouse Splenic Architecture with CODEX Multiplexed Imaging. *Cell*, 174(4), 968.