

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

Mouse Anti-Human CD8 Antibody

RRID:AB_2687487

Type: Antibody

Proper Citation

BD Biosciences Cat# 563823, RRID:AB_2687487

Antibody Information

URL: http://antibodyregistry.org/AB_2687487

Proper Citation: BD Biosciences Cat# 563823, RRID:AB_2687487

Target Antigen: CD8

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Mouse Anti-Human CD8 Antibody

Description: This monoclonal targets CD8

Target Organism: baboon, cynomolgus, rhesus, human

Clone ID: RPA-T8

Defining Citation: [PMID:28636956](#)

Antibody ID: AB_2687487

Vendor: BD Biosciences

Catalog Number: 563823

Record Creation Time: 20250819T214647+0000

Record Last Update: 20250820T000357+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): Ralph Baric, Michael Betts - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Mouse Anti-Human CD8 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Roostaei T, et al. (2026) Cell-type- and state-resolved transcriptomics uncovers distinct T cell and monocyte dysregulation in multiple sclerosis. *Cell reports*, 45(6), 117417.

Ismail J, et al. (2026) Single-cell transcriptomics reveal altered B cell responses and T cell senescence in geriatric non-responders to COVID-19 mRNA vaccination. *iScience*, 29(5), 115730.

Hsiao CC, et al. (2025) Acquisition of residency programs by T cells entering the human brain. *Cell reports*, 44(7), 115960.

Papadopoulos AO, et al. (2025) Spatial regulation of CD8+ T cells at the HLA-E-NKG2A axis drives HIV persistence in lymph node B cell follicles. *Cell reports*, 44(9), 116181.

Benton A, et al. (2025) Mutant KRAS peptide targeted CAR-T cells engineered for cancer therapy. *Cancer cell*, 43(7), 1365.

Wei Q, et al. (2025) Identification of a group of 9-amino-acridines that selectively downregulate regulatory T cell functions through FoxP3. *iScience*, 28(3), 111931.

Moore AE, et al. (2025) DAP12-associated synthetic antigen receptors enable multi-targeting of T cells with independent chimeric receptors in a small genetic payload. *iScience*, 28(4), 112142.

Zhang D, et al. (2025) FLT3L-based drug conjugate effectively targets chemoresistant leukemia stem cells in acute myeloid leukemia. *Cell reports. Medicine*, 102365.

Guo X, et al. (2025) Contrasting cytotoxic and regulatory T cell responses underlying distinct clinical outcomes to anti-PD-1 plus lenvatinib therapy in cancer. *Cancer cell*, 43(2), 248.

Lebrec H, et al. (2025) Second generation CD2-targeting LFA-3 fusion protein SBT115301 to restore immune homeostasis in autoimmune disease. *iScience*, 28(5), 112447.

Brinkman A, et al. (2025) IFN γ -mediated suppression of alternative NF- κ B in tumor-resident myeloid cells promotes selective recruitment of cytotoxic but not regulatory T

cells. *Frontiers in immunology*, 16, 1681777.

Dong B, et al. (2024) NK Receptor Signaling Lowers TCR Activation Threshold, Enhancing Selective Recognition of Cancer Cells by TAA-Specific CTLs. *Cancer immunology research*, 12(10), 1421.

Van Duyne R, et al. (2024) Adult Human Brain Tissue Cultures to Study NeuroHIV. *Cells*, 13(13).

Huang M, et al. (2024) CXCR4-enriched T regulatory cells preferentially home to bone marrow and resolve inflammation. *iScience*, 27(9), 110830.

Nava Lauson CB, et al. (2023) Linoleic acid potentiates CD8+ T cell metabolic fitness and antitumor immunity. *Cell metabolism*, 35(4), 633.

Tiezzi C, et al. (2023) FluoroSpot assay to analyze SARS-CoV-2-specific T cell responses. *STAR protocols*, 4(4), 102584.

Tiezzi C, et al. (2023) Natural heteroclitic-like peptides are generated by SARS-CoV-2 mutations. *iScience*, 26(6), 106940.

Bax CE, et al. (2023) Herbal supplement Spirulina stimulates inflammatory cytokine production in patients with dermatomyositis in vitro. *iScience*, 26(11), 108355.

Chen Y, et al. (2023) Structural definition of HLA class II-presented SARS-CoV-2 epitopes reveals a mechanism to escape pre-existing CD4+ T cell immunity. *Cell reports*, 42(8), 112827.

Hsiao CC, et al. (2023) Osteopontin associates with brain TRM-cell transcriptome and compartmentalization in donors with and without multiple sclerosis. *iScience*, 26(1), 105785.