

Resource Summary Report

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

BUV737 Rat Anti-Mouse CD8a

RRID:AB_2722580

Type: Antibody

Proper Citation

BD Biosciences Cat# 564297, RRID:AB_2722580

Antibody Information

URL: http://antibodyregistry.org/AB_2722580

Proper Citation: BD Biosciences Cat# 564297, RRID:AB_2722580

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: BUV737 Rat Anti-Mouse CD8a

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: 53-6.7

Defining Citation: [PMID:2653377](#)

Antibody ID: AB_2722580

Vendor: BD Biosciences

Catalog Number: 564297

Record Creation Time: 20231110T033720+0000

Record Last Update: 20260829T112650+0000

Ratings and Alerts

No rating or validation information has been found for BUV737 Rat Anti-Mouse CD8a.

No alerts have been found for BUV737 Rat Anti-Mouse CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Huang X, et al. (2026) Opposing functions of distinct regulatory T cell subsets in colorectal cancer. *Immunity*, 59(1), 145.

Stinson JA, et al. (2025) Tumor Integrin-Targeted Glucose Oxidase Enzyme Promotes ROS-Mediated Cell Death that Combines with Interferon Alpha Therapy for Tumor Control. *Molecular cancer therapeutics*, 24(1), 118.

Peeters JGC, et al. (2024) Hyperactivating EZH2 to augment H3K27me3 levels in regulatory T cells enhances immune suppression by driving early effector differentiation. *Cell reports*, 43(9), 114724.

Lindner S, et al. (2024) Altered microbial bile acid metabolism exacerbates T cell-driven inflammation during graft-versus-host disease. *Nature microbiology*, 9(3), 614.

Bugno J, et al. (2024) Targeting the Dendritic Cell-Secreted Immunoregulatory Cytokine CCL22 Alleviates Radioresistance. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(19), 4450.

Virassamy B, et al. (2023) Intratumoral CD8+ T cells with a tissue-resident memory phenotype mediate local immunity and immune checkpoint responses in breast cancer. *Cancer cell*, 41(3), 585.

Hirai T, et al. (2021) Competition for Active TGF β Cytokine Allows for Selective Retention of Antigen-Specific Tissue- Resident Memory T Cells in the Epidermal Niche. *Immunity*, 54(1), 84.

Schenkel JM, et al. (2021) Conventional type I dendritic cells maintain a reservoir of proliferative tumor-antigen specific TCF-1+ CD8+ T cells in tumor-draining lymph nodes. *Immunity*, 54(10), 2338.

Pauken KE, et al. (2020) The PD-1 Pathway Regulates Development and Function of Memory CD8+ T Cells following Respiratory Viral Infection. *Cell reports*, 31(13), 107827.

Nelson CE, et al. (2019) Robust Iterative Stimulation with Self-Antigens Overcomes CD8+ T Cell Tolerance to Self- and Tumor Antigens. *Cell reports*, 28(12), 3092.

Leylek R, et al. (2019) Integrated Cross-Species Analysis Identifies a Conserved Transitional Dendritic Cell Population. *Cell reports*, 29(11), 3736.

Hirai T, et al. (2019) Keratinocyte-Mediated Activation of the Cytokine TGF- β Maintains Skin Recirculating Memory CD8⁺ T Cells. *Immunity*, 50(5), 1249.

Campbell C, et al. (2018) Extrathymically Generated Regulatory T Cells Establish a Niche for Intestinal Border-Dwelling Bacteria and Affect Physiologic Metabolite Balance. *Immunity*, 48(6), 1245.