

Resource Summary Report

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

Rat Anti-CD8a Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone 53-6.7

RRID:AB_396959

Type: Antibody

Proper Citation

BD Biosciences Cat# 557959, RRID:AB_396959

Antibody Information

URL: http://antibodyregistry.org/AB_396959

Proper Citation: BD Biosciences Cat# 557959, RRID:AB_396959

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Rat Anti-CD8a Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone 53-6.7

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_396959

Vendor: BD Biosciences

Catalog Number: 557959

Record Creation Time: 20250820T024016+0000

Record Last Update: 20250820T141236+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD8a Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone 53-6.7.

No alerts have been found for Rat Anti-CD8a Monoclonal Antibody, Alexa Fluor?? 700 Conjugated, Clone 53-6.7.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Cabrera-Martinez B, et al. (2025) A hypomorphic Il2rb mutant mouse model recapitulates and reveals mechanisms of human T cell immune dysregulation in IL-2R? deficiency. Cell reports, 44(7), 115902.

Pozniak J, et al. (2025) Cytotoxic NK Cells Impede Response to Checkpoint Immunotherapy in Melanoma with an Immune-Excluded Phenotype. Cancer discovery, 15(9), 1819.

Yu J, et al. (2024) Progestogen-driven B7-H4 contributes to onco-fetal immune tolerance. Cell, 187(17), 4713.

Wang Q, et al. (2024) Benzosciprin C induces lysosomal degradation of PD-L1 and promotes antitumor immunity by targeting DHHC3. Cell reports. Medicine, 5(2), 101357.

Mhanna V, et al. (2024) Enhancing comparative T cell receptor repertoire analysis in small biological samples through pooling homologous cell samples from multiple mice. Cell reports methods, 4(4), 100753.

Lin H, et al. (2024) Itaconate transporter SLC13A3 impairs tumor immunity via endowing ferroptosis resistance. Cancer cell, 42(12), 2032.

Simon M, et al. (2024) Single-cell chromatin accessibility and transposable element landscapes reveal shared features of tissue-residing immune cells. Immunity, 57(8), 1975.

Galsky MD, et al. (2024) Immunomodulatory effects and improved outcomes with cisplatin- versus carboplatin-based chemotherapy plus atezolizumab in urothelial cancer. Cell reports. Medicine, 5(2), 101393.

Deng C, et al. (2024) Extracellular-vesicle-packaged S100A11 from osteosarcoma cells mediates lung premetastatic niche formation by recruiting gMDSCs. Cell reports, 43(2), 113751.

Laurans L, et al. (2023) An obesogenic diet increases atherosclerosis through promoting microbiota dysbiosis-induced gut lymphocyte trafficking into the periphery. Cell reports,

42(11), 113350.

Wu SY, et al. (2023) CCL19+ dendritic cells potentiate clinical benefit of anti-PD-(L)1 immunotherapy in triple-negative breast cancer. *Med (New York, N.Y.)*, 4(6), 373.

Dan J, et al. (2023) Oncolytic virus M1 functions as a bifunctional checkpoint inhibitor to enhance the antitumor activity of DC vaccine. *Cell reports. Medicine*, 4(10), 101229.

Li G, et al. (2023) Intersection of immune and oncometabolic pathways drives cancer hyperprogression during immunotherapy. *Cancer cell*, 41(2), 304.

Liao P, et al. (2022) CD8+ T cells and fatty acids orchestrate tumor ferroptosis and immunity via ACSL4. *Cancer cell*, 40(4), 365.

Ajouaou Y, et al. (2022) The oxygen sensor prolyl hydroxylase domain 2 regulates the in vivo suppressive capacity of regulatory T cells. *eLife*, 11.

Dikiy S, et al. (2021) A distal Foxp3 enhancer enables interleukin-2 dependent thymic Treg cell lineage commitment for robust immune tolerance. *Immunity*, 54(5), 931.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. *Immunity*, 54(4), 702.

Lin H, et al. (2021) Stanniocalcin 1 is a phagocytosis checkpoint driving tumor immune resistance. *Cancer cell*, 39(4), 480.

Hoffmann A, et al. (2021) Baseline iron status and presence of anaemia determine the course of systemic Salmonella infection following oral iron supplementation in mice. *EBioMedicine*, 71, 103568.

Rustenhoven J, et al. (2021) Functional characterization of the dural sinuses as a neuroimmune interface. *Cell*, 184(4), 1000.