

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

Biotin anti-mouse CD8a

RRID:AB_312743

Type: Antibody

Proper Citation

BioLegend Cat# 100704, RRID:AB_312743

Antibody Information

URL: http://antibodyregistry.org/AB_312743

Proper Citation: BioLegend Cat# 100704, RRID:AB_312743

Target Antigen: CD8alpha

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, IHC

Antibody Name: Biotin anti-mouse CD8a

Description: This monoclonal targets CD8alpha

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_312743

Vendor: BioLegend

Catalog Number: 100704

Alternative Catalog Numbers: 100703

Record Creation Time: 20250819T232709+0000

Record Last Update: 20250820T052300+0000

Ratings and Alerts

No rating or validation information has been found for Biotin anti-mouse CD8a.

No alerts have been found for Biotin anti-mouse CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 86 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Mödl B, et al. (2026) TYK2 Promotes Immunosurveillance of Colorectal Cancer Liver Metastasis. *Cancer research*, 86(1), 80.

Abdullah L, et al. (2025) The endogenous antigen-specific CD8+ T cell repertoire is composed of unbiased and biased clonotypes with differential fate commitments. *Immunity*, 58(3), 601.

Xiao ZX, et al. (2025) Single mutation tunes IRF4 function and mediates B cell character to ameliorate murine lupus. *iScience*, 28(11), 113884.

Kim DV, et al. (2025) E. coli-activated cellular circuit restrains intestinal inflammatory microbiota-specific T cells and protects against colitis. *Cell reports*, 44(10), 116332.

Zhang Y, et al. (2025) In-depth functional analysis of BRD9 in fetal hematopoiesis reveals context-dependent roles. *iScience*, 28(3), 112010.

Pan S, et al. (2025) Decoding the ontogeny of myeloid lineage diversity by cross-species and developmental analyses of hematopoietic progenitor atlases. *Cell reports*, 44(3), 115406.

Sharma G, et al. (2025) IGF2BP3 redirects glycolytic flux to promote one-carbon metabolism and RNA methylation. *Cell reports*, 116330.

Wu J, et al. (2025) Vitamin B6 preserves the stemness-like phenotypes and antitumor ability of CD8+ T cells. *Developmental cell*.

Pan Y, et al. (2025) Nuclear exosome targeting complex safeguards hematopoietic stem cell self-renewal and genomic integrity through resolving R loops. *Cell reports*, 44(12), 116650.

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. *Cell*, 188(13), 3477.

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. *Cancer cell*, 42(8), 1415.

Wang Y, et al. (2024) A pan-family screen of nuclear receptors in immunocytes reveals ligand-dependent inflammasome control. *Immunity*, 57(12), 2737.

Tamari M, et al. (2024) Sensory neurons promote immune homeostasis in the lung. *Cell*, 187(1), 44.

Rosenlehner T, et al. (2024) Reciprocal regulation of mTORC1 signaling and ribosomal biosynthesis determines cell cycle progression in activated T cells. *Science signaling*, 17(859), eadi8753.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8⁺ T cells that experience extensive tonic T cell receptor signaling. *Science signaling*, 17(822), eadh0439.

Fang Q, et al. (2024) Gingival-derived mesenchymal stem cells alleviate allergic asthma inflammation via HGF in animal models. *iScience*, 27(5), 109818.

López DA, et al. (2024) Prenatal inflammation remodels lung immunity and function by programming ILC2 hyperactivation. *Cell reports*, 43(7), 114365.

Chun D, et al. (2024) Flt3L enhances clonal diversification and selective expansion of intratumoral CD8⁺ T cells while differentiating into effector-like cells. *Cell reports*, 43(12), 115023.

Bolonsky A, et al. (2024) IRF4 requires ARID1A to establish plasma cell identity in multiple myeloma. *Cancer cell*, 42(7), 1185.

Zhou C, et al. (2024) Nynrin preserves hematopoietic stem cell function by inhibiting the mitochondrial permeability transition pore opening. *Cell stem cell*, 31(9), 1359.