

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 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 93 mentions in open access literature.

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

Zhang Z, et al. (2026) Hematopoietic stem cells activate a latent differentiation pathway to facilitate recovery after 5-fluorouracil-induced myeloablation. *Developmental cell*, 61(5), 1044.

Fransson J, et al. (2026) Spatiotemporal analysis reveals distinct inflammatory programs underlying chronic colitis. *Immunity*, 59(6), 1599.

Peng M, et al. (2026) MMRN1-EGFR drives sialylglycan-Siglec immune evasion in AML leukemia stem cells. *Cell stem cell*, 33(5), 800.

Vijaykumar A, et al. (2026) Tissue-scale mapping reveals a central role of hepatoblasts in the regulation of fetal liver hematopoiesis and stem cell maintenance. *Developmental cell*, 61(4), 901.

Park C, et al. (2026) A Rasa3-G β i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. *Cell reports*, 45(4), 117243.

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

Menezes-Silva L, et al. (2026) Hormonal rewiring of immunity during dietary restriction ensures host defense and systemic glucose conservation. *Immunity*, 59(3), 700.

Fukui T, et al. (2026) A hierarchical Rorc(?t) cis-regulatory cascade orchestrates differentiation of ROR γ t γ innate immune cells. *Immunity*, 59(4), 953.

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.

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

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.

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

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.

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.

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.