Resource Summary Report

Generated by NIF on Sep 11, 2026

Biotin anti-mouse CD8a

RRID:AB_312742
Type: Antibody

Proper Citation

BioLegend Cat# 100703, RRID:AB_312742

Antibody Information

URL: http://antibodyregistry.org/AB_312742

Proper Citation: BioLegend Cat# 100703, RRID:AB_312742

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_312742

Vendor: BioLegend

Catalog Number: 100703

Alternative Catalog Numbers: 100704

Record Creation Time: 20231110T045028+0000

Record Last Update: 20260829T050757+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 25 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Bilanovic J, et al. (2026) One-step generation of T-cell receptor knock-in mice in the TCR? locus. The EMBO journal, 45(12), 4321.

Cui Z, et al. (2026) Protocol for studying in vitro mouse primary thymocyte differentiation via retroviral-mediated gene expression and stromal-free stimulation. STAR protocols, 7(1), 104320.

Lee D, et al. (2026) Interleukin-4-producing type 2 innate lymphoid cells in the lymph node promote proallergic Tfh13 cell differentiation. Immunity, 59(7), 1860.

Phelps CM, et al. (2025) Exercise-induced microbiota metabolite enhances CD8 T cell antitumor immunity promoting immunotherapy efficacy. Cell.

Liu G, et al. (2025) ILC2 instructs neural stem and progenitor cells to potentiate neurorepair after stroke. Neuron, 113(11), 1741.

Zhang Y, et al. (2025) Bile acid receptor FXR promotes intestinal epithelial ferroptosis and subsequent ILC3 dysfunction in neonatal necrotizing enterocolitis. Immunity, 58(3), 683.

Cohen JA, et al. (2025) KMT2D coordinates antiviral CD4+ T cell responses through opposing effects on T follicular helper and cytotoxic gene expression. Cell reports, 44(6), 115775.

Liao K, et al. (2024) Critical roles of the miR-17?92 family in thymocyte development, leukemogenesis, and autoimmunity. Cell reports, 43(6), 114261.

Han G, et al. (2024) Selective translation of nuclear mitochondrial respiratory proteins reprograms succinate metabolism in AML development and chemoresistance. Cell stem cell, 31(12), 1777.

Zhao F, et al. (2024) GRP75-dependent mitochondria-ER contacts ensure cell survival during early mouse thymocyte development. Developmental cell, 59(19), 2643.

Qin Y, et al. (2024) A double-edged sword role of IFN-?-producing iNKT cells in sepsis: Persistent suppression of Treg cell formation in an Nr4a1-dependent manner. iScience, 27(12), 111462.

Giannou AD, et al. (2023) Tissue resident iNKT17 cells facilitate cancer cell extravasation in liver metastasis via interleukin-22. Immunity, 56(1), 125.

Wang M, et al. (2023) Genotoxic aldehyde stress prematurely ages hematopoietic stem cells in a p53-driven manner. Molecular cell, 83(14), 2417.

Grootveld AK, et al. (2023) Apoptotic cell fragments locally activate tingible body macrophages in the germinal center. Cell, 186(6), 1144.

Cao Y, et al. (2023) Dopamine inhibits group 2 innate lymphoid cell-driven allergic lung inflammation by dampening mitochondrial activity. Immunity, 56(2), 320.

Kamioka Y, et al. (2023) Distinct bidirectional regulation of LFA1 and ?4?7 by Rap1 and integrin adaptors in T cells under shear flow. Cell reports, 42(6), 112580.

Wang W, et al. (2022) TCF-1 promotes chromatin interactions across topologically associating domains in T cell progenitors. Nature immunology, 23(7), 1052.

Cao L, et al. (2022) METTL14-dependent m6A modification controls iNKT cell development and function. Cell reports, 40(5), 111156.

Lam KC, et al. (2021) Microbiota triggers STING-type I IFN-dependent monocyte reprogramming of the tumor microenvironment. Cell, 184(21), 5338.

Shen Z, et al. (2021) A resource of high-quality and versatile nanobodies for drug delivery. iScience, 24(9), 103014.