

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

PerCP/Cyanine5.5 anti-mouse CD8a

RRID:AB_2075238

Type: Antibody

Proper Citation

BioLegend Cat# 100734, RRID:AB_2075238

Antibody Information

URL: http://antibodyregistry.org/AB_2075238

Proper Citation: BioLegend Cat# 100734, RRID:AB_2075238

Target Antigen: CD8alpha

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PerCP/Cyanine5.5 anti-mouse CD8a

Description: This monoclonal targets CD8alpha

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_2075238

Vendor: BioLegend

Catalog Number: 100734

Alternative Catalog Numbers: 100733

Record Creation Time: 20250820T032159+0000

Record Last Update: 20250820T160308+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): [Raghavendra Mirmira](#), [Sarah Tersey](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for PerCP/Cyanine5.5 anti-mouse CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 135 mentions in open access literature.

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

Ling H, et al. (2026) An inhalable microbe-oncolytic virus consortium for lung cancer treatment. Cell reports. Medicine, 7(5), 102771.

Thurimella K, et al. (2026) Identifying microbial protease allergens through protein language model-guided homology. Cell systems, 17(3), 101510.

Wang J, et al. (2026) VISTA neutralization by immunization reprograms immunosuppression and augments vaccine efficacy in renal carcinoma. Journal for immunotherapy of cancer, 14(5).

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. Cell, 189(1), 252.

Kadam R, et al. (2026) Optineurin modulates mTORC2/AKT/STAT3 signaling to control MHC class II expression and adaptive immunity against HSV-1. Cell reports, 45(4), 117263.

Elmore J, et al. (2026) Diverse microbial exposure exacerbates the development of allergic airway inflammation in adult mice. Journal of immunology (Baltimore, Md. : 1950), 215(2).

Pohl L, et al. (2026) Serial intravital microscopy reveals temporal dynamics of autoreactive germinal centers in the spleen. iScience, 29(4), 115340.

Murakami R, et al. (2026) Foxp3 and BATF cooperatively direct cis-regulatory programs and gene expression for effector Treg cell differentiation. Immunity, 59(5), 1253.

Tang M, et al. (2026) TIGIT-targeted IL-12 fusion protein engages NK and CD8+ T cells for potent tumor immunotherapy. Cell reports. Medicine, 7(7), 102876.

Song X, et al. (2026) MHC-II-restricted neoantigen vaccine reverses immune microenvironment and overcomes resistance to immune-checkpoint inhibitors in cold tumors. Med (New York, N.Y.), 7(1), 100936.

Sajani A, et al. (2026) Heterogeneity and plasticity of the naive CD4+ T cell compartment. *Cell reports*, 45(3), 116980.

Shi R, et al. (2026) Tumor-intrinsic FDFT1 determines coordinated macrophage anti-tumor immunity. *Developmental cell*, 61(6), 1238.

González-Domínguez I, et al. (2026) Influenza B mosaic HA mRNA-LNP vaccines are cross-reactive and protective in mice. *Molecular therapy. Nucleic acids*, 37(2), 102921.

Lin Y, et al. (2026) Regulatory T cell-derived TGF- β signaling governs the differentiation and maintenance of tumor-infiltrating bystander CD8+ T cells. *Cell reports*, 45(4), 117189.

Wu S, et al. (2026) Immunotherapy-based combination remodels the immunosuppressive microenvironment and enhances efficacy in advanced SMARCA4-deficient non-small cell lung cancer. *Cancer letters*, 657, 218702.

Castañó D, et al. (2025) Distinct components of mRNA vaccines cooperate to instruct efficient germinal center responses. *Cell*, 188(26), 7461.

Tang Q, et al. (2025) Gut bacterial L-lysine alters metabolism and histone methylation to drive dendritic cell tolerance. *Cell reports*, 44(1), 115125.

Green WD, et al. (2025) Enhancer-driven gene regulatory networks reveal transcription factors governing T cell adaptation and differentiation in the tumor microenvironment. *Immunity*, 58(7), 1725.

Zhou X, et al. (2025) Potentiating anti-tumor immunity by re-engaging immune synapse molecules. *Cell reports. Medicine*, 6(3), 101975.

Wang R, et al. (2025) An epitope-directed mRNA vaccine inhibits tumor metastasis through the blockade of MICA/B β 1/2 shedding. *Cell reports. Medicine*, 6(3), 101981.