

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

PE anti-mouse CD8a

RRID:AB_312746

Type: Antibody

Proper Citation

BioLegend Cat# 100707, RRID:AB_312746

Antibody Information

URL: http://antibodyregistry.org/AB_312746

Proper Citation: BioLegend Cat# 100707, RRID:AB_312746

Target Antigen: CD8alpha

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-mouse CD8a

Description: This monoclonal targets CD8alpha

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_312746

Vendor: BioLegend

Catalog Number: 100707

Alternative Catalog Numbers: 100708

Record Creation Time: 20250819T234248+0000

Record Last Update: 20250820T061132+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): [Seung Kim](#), [Everett Meyer](#) - Human Islets Research Network
<https://hirnetwork.org/>

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 55 mentions in open access literature.

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

Liu Y, et al. (2025) Tumor-associated Schwann cell remodeling under metabolic stress via lactate sensing orchestrates pancreatic ductal adenocarcinoma development. *Cell metabolism*, 37(9), 1907.

Tong Y, et al. (2025) METTL3 promotes an immunosuppressive microenvironment in bladder cancer via m6A-dependent CXCL5/CCL5 regulation. *Journal for immunotherapy of cancer*, 13(4).

Nyberg WA, et al. (2025) In vivo engineering of murine T cells using the evolved adeno-associated virus variant Ark313. *Immunity*, 58(2), 499.

Chen Y, et al. (2025) Neoadjuvant chemotherapy by liposomal doxorubicin boosts immune protection of tumor membrane antigens-based nanovaccine. *Cell reports. Medicine*, 6(1), 101877.

Yin Y, et al. (2025) Activated T cells degrade extracellular proteins to enhance effector functions. *Cell reports*, 45(1), 116797.

Li J, et al. (2025) Pharmacological rescue of mutant p53 triggers spontaneous tumor regression via immune responses. *Cell reports. Medicine*, 6(3), 101976.

Mattavelli G, et al. (2025) A TLR4-dependent fibroblast-monocyte axis in tumor-draining lymph nodes contributes to metastasis in triple-negative breast cancer. *Immunity*.

Nagahashi M, et al. (2025) An Acrolein-Based Drug Delivery System Enables Tumor-Specific Sphingosine-1-Phosphate Targeting in Breast Cancer without Lymphocytopenia. *Cancer research communications*, 5(6), 981.

Mulkeen SC, et al. (2025) Reducing Dietary Protein Enhances the Antitumor Effects of Chemotherapy through Immune-Mediated Mechanisms. *Molecular cancer therapeutics*, 24(7), 1099.

Cheng JN, et al. (2025) Bone metastases diminish extraosseous response to checkpoint blockade immunotherapy through osteopontin-producing osteoclasts. *Cancer cell*, 43(6), 1093.

Zhou S, et al. (2025) Indole-3-lactic acid suppresses colorectal cancer via metabolic reprogramming. *Gut microbes*, 17(1), 2508949.

Barandun N, et al. (2025) Targeted localization of the mother centrosome in CD8+ T cells undergoing asymmetric cell division promotes memory formation. *Cell reports*, 44(1), 115127.

Prakash A, et al. (2025) Mitochondrial-activity-driven hematopoietic stem cell fate and lineage choice is first established in the aorta-gonad-mesonephros. *Cell reports*, 44(10), 116296.

Dawson A, et al. (2024) Leukaemia exposure alters the transcriptional profile and function of BCR::ABL1 negative macrophages in the bone marrow niche. *Nature communications*, 15(1), 1090.

Yakkala C, et al. (2024) Cryoablation Does Not Significantly Contribute to Systemic Effector Immune Responses in a Poorly Immunogenic B16F10 Melanoma Model. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(18), 4190.

Wang L, et al. (2024) Engineering an energy-dissipating hybrid tissue in vivo for obesity treatment. *Cell reports*, 43(7), 114425.

Wang S, et al. (2024) Loss of CDKN2A Enhances the Efficacy of Immunotherapy in EGFR Mutant Non-Small Cell Lung Cancer. *Cancer research*.

Horikawa I, et al. (2024) Chronic stress alters lipid mediator profiles associated with immune-related gene expressions and cell compositions in mouse bone marrow and spleen. *Journal of pharmacological sciences*, 154(4), 279.

Xia M, et al. (2024) Elevated IL-22 as a result of stress-induced gut leakage suppresses septal neuron activation to ameliorate anxiety-like behavior. *Immunity*.

Wang X, et al. (2024) A GAPDH serotonylation system couples CD8+ T cell glycolytic metabolism to antitumor immunity. *Molecular cell*, 84(4), 760.