

Resource Summary Report

Generated by [kravitz2](#) on Aug 16, 2026

CD8a Monoclonal Antibody (53-6.7), PE, eBioscience

RRID:AB_465530

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-0081-82, RRID:AB_465530)

Antibody Information

URL: http://antibodyregistry.org/AB_465530

Proper Citation: (Thermo Fisher Scientific Cat# 12-0081-82, RRID:AB_465530)

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_465530, AB_10113871

Antibody Name: CD8a Monoclonal Antibody (53-6.7), PE, eBioscience

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_465530

Vendor: Thermo Fisher Scientific

Catalog Number: 12-0081-82

Record Creation Time: 20251213T073232+0000

Record Last Update: 20260225T230357+0000

Ratings and Alerts

No rating or validation information has been found for CD8a Monoclonal Antibody (53-6.7), PE, eBioscience.

No alerts have been found for CD8a Monoclonal Antibody (53-6.7), PE, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Lin X, et al. (2026) Spleen-targeted neoantigen mRNA vaccine induces ISG15+ CD8+ T cell-mediated tertiary lymphoid structure formation in hepatocellular carcinoma. *Cell reports. Medicine*, 7(5), 102754.

Sugiura A, et al. (2026) Tissue and CD4 T cell subset dependence on the amino acid transporter SLC38A1. *Cell metabolism*, 38(4), 712.

Adachi Y, et al. (2025) Enhancing the efficacy of near-infrared photoimmunotherapy through intratumoural delivery of CD44-targeting antibody-photoabsorber conjugates. *EBioMedicine*, 112, 105566.

Fujisawa S, et al. (2025) The transcription factor BATF pioneers the differentiation program of effector CD8+ T cells through the interaction with IRF4. *Cell reports*, 44(8), 116129.

Zhong Y, et al. (2025) Photoconverted cells allow rapid assessment of vaccine adjuvant potency in mice. *iScience*, 28(7), 112774.

Venkateswaran SV, et al. (2025) A multimodal imaging pipeline to decipher cell-specific metabolic functions and tissue microenvironment dynamics. *Nature protocols*, 20(6), 1678.

Sahasrabuddhe AA, et al. (2025) The FBXO45-GEF-H1 Axis Controls Germinal Center Formation and B-cell Lymphomagenesis. *Cancer discovery*, 15(4), 838.

Ge X, et al. (2025) Metabolic reprogramming through histone lactylation in microglia and macrophages recruits CD8+ T lymphocytes and aggravates spinal cord injury. *Neuron*, 113(14), 2280.

Diehl C, et al. (2024) Hyperreactive B cells instruct their elimination by T cells to curb autoinflammation and lymphomagenesis. *Immunity*.

Mori S, et al. (2024) Neoself-antigens are the primary target for autoreactive T cells in human lupus. *Cell*, 187(21), 6071.

Luo Z, et al. (2024) Voluntary exercise sensitizes cancer immunotherapy via the collagen inhibition-orchestrated inflammatory tumor immune microenvironment. *Cell reports*, 43(9), 114697.

von Loeffelholz C, et al. (2024) Increased peritoneal B1-like cells during acute phase of human septic peritonitis. *iScience*, 27(7), 110133.

Bailey C, et al. (2023) Genetic and pharmaceutical targeting of HIF1 α allows combo-immunotherapy to boost graft vs. leukemia without exacerbation graft vs. host disease. *Cell reports. Medicine*, 4(11), 101236.

Valadares DG, et al. (2023) NLRP12-expressing dendritic cells mediate both dissemination of infection and adaptive immune responses in visceral leishmaniasis. *iScience*, 26(3), 106163.

Dan J, et al. (2023) Oncolytic virus M1 functions as a bifunctional checkpoint inhibitor to enhance the antitumor activity of DC vaccine. *Cell reports. Medicine*, 4(10), 101229.

Bogeska R, et al. (2022) Inflammatory exposure drives long-lived impairment of hematopoietic stem cell self-renewal activity and accelerated aging. *Cell stem cell*, 29(8), 1273.

Pelgrom LR, et al. (2022) mTORC1 signaling in antigen-presenting cells of the skin restrains CD8 $^{+}$ T cell priming. *Cell reports*, 40(1), 111032.

Sugiura A, et al. (2022) MTHFD2 is a metabolic checkpoint controlling effector and regulatory T cell fate and function. *Immunity*, 55(1), 65.

Willemsen L, et al. (2022) DOT1L regulates lipid biosynthesis and inflammatory responses in macrophages and promotes atherosclerotic plaque stability. *Cell reports*, 41(8), 111703.

Hou Y, et al. (2022) FABP5 controls macrophage alternative activation and allergic asthma by selectively programming long-chain unsaturated fatty acid metabolism. *Cell reports*, 41(7), 111668.