

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

CD8a Monoclonal Antibody (4SM15), eBioscience

RRID:AB_2572860

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 14-0808-80, RRID:AB_2572860

Antibody Information

URL: http://antibodyregistry.org/AB_2572860

Proper Citation: Thermo Fisher Scientific Cat# 14-0808-80, RRID:AB_2572860

Target Antigen: CD8a

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow, IHC-P

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: CD8a Monoclonal Antibody (4SM15), eBioscience

Description: This monoclonal targets CD8a

Target Organism: mouse

Clone ID: Clone 4SM15

Defining Citation: [PMID:398327](#), [PMID:11805130](#), [PMID:16041037](#), [PMID:6156984](#), [PMID:20660615](#)

Antibody ID: AB_2572860

Vendor: Thermo Fisher Scientific

Catalog Number: 14-0808-80

Alternative Catalog Numbers: 14-0808

Record Creation Time: 20251213T073141+0000

Record Last Update: 20260903T214648+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for CD8a Monoclonal Antibody (4SM15), eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Lobel L, et al. (2026) Dietary sulfur amino acids enhance anti-tumor immunity in colon cancer via an NKT cell-XCL1-cDC1 circuit. *Immunity*, 59(6), 1708.

Pozniak J, et al. (2025) Cytotoxic NK Cells Impede Response to Checkpoint Immunotherapy in Melanoma with an Immune-Excluded Phenotype. *Cancer discovery*, 15(9), 1819.

Dai Z, et al. (2025) Single-cell analysis of temporal immune cell dynamics in alopecia areata reveals a causal role for clonally expanded CD8+ T cells in disease. *Cell reports*, 44(7), 115798.

Knebel UE, et al. (2024) Disrupted RNA editing in beta cells mimics early-stage type 1 diabetes. *Cell metabolism*, 36(1), 48.

Purbey PK, et al. (2024) Opposing tumor-cell-intrinsic and -extrinsic roles of the IRF1 transcription factor in antitumor immunity. *Cell reports*, 43(6), 114289.

Vennin C, et al. (2023) Taxanes trigger cancer cell killing in vivo by inducing non-canonical T cell cytotoxicity. *Cancer cell*, 41(6), 1170.

Liu Y, et al. (2022) Targeting telomerase reverse transcriptase with the covalent inhibitor NU-1 confers immunogenic radiation sensitization. *Cell chemical biology*, 29(10), 1517.

Uceda-Castro R, et al. (2022) Re-purposing the pro-senescence properties of doxorubicin to introduce immunotherapy in breast cancer brain metastasis. *Cell reports. Medicine*, 3(11), 100821.

Pfirschke C, et al. (2022) Macrophage-Targeted Therapy Unlocks Antitumoral Cross-talk between IFN γ -Secreting Lymphocytes and IL12-Producing Dendritic Cells. *Cancer immunology research*, 10(1), 40.

Ma L, et al. (2021) Inflammation Mediates the Development of Aggressive Breast Cancer Following Radiotherapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 27(6), 1778.

Williams MM, et al. (2021) MicroRNA-200c restoration reveals a cytokine profile to enhance M1 macrophage polarization in breast cancer. *NPJ breast cancer*, 7(1), 64.

Chen B, et al. (2021) Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. *Cell*, 184(26), 6262.

Mohebiany AN, et al. (2020) Microglial A20 Protects the Brain from CD8 T-Cell-Mediated Immunopathology. *Cell reports*, 30(5), 1585.

Carper MB, et al. (2019) An Immunocompetent Mouse Model of HPV16(+) Head and Neck Squamous Cell Carcinoma. *Cell reports*, 29(6), 1660.

Bieniasz-Krzywiec P, et al. (2019) Podoplanin-Expressing Macrophages Promote Lymphangiogenesis and Lymphoinvasion in Breast Cancer. *Cell metabolism*, 30(5), 917.

Van Gool F, et al. (2019) A Mutation in the Transcription Factor Foxp3 Drives T Helper 2 Effector Function in Regulatory T Cells. *Immunity*, 50(2), 362.

Di Liberto G, et al. (2018) Neurons under T Cell Attack Coordinate Phagocyte-Mediated Synaptic Stripping. *Cell*, 175(2), 458.

Fujita Y, et al. (2018) Regulation of S100A8 Stability by RNF5 in Intestinal Epithelial Cells Determines Intestinal Inflammation and Severity of Colitis. *Cell reports*, 24(12), 3296.

Saha D, et al. (2017) Macrophage Polarization Contributes to Glioblastoma Eradication by Combination Immunovirotherapy and Immune Checkpoint Blockade. *Cancer cell*, 32(2), 253.

Topper MJ, et al. (2017) Epigenetic Therapy Ties MYC Depletion to Reversing Immune Evasion and Treating Lung Cancer. *Cell*, 171(6), 1284.