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?-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.

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

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

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.