Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 23, 2025

CD4 Monoclonal Antibody (4SM95), eBioscience

RRID:AB_2573008
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 14-9766-82, RRID:AB_2573008)

Antibody Information

URL: http://antibodyregistry.org/AB_2573008

Proper Citation: (Thermo Fisher Scientific Cat# 14-9766-82, RRID:AB_2573008)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: WB (5 µg/mL), IHC (P) (5 µg/mL)
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: CD4 Monoclonal Antibody (4SM95), eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone 4SM95

Defining Citation: PMID:11854499, PMID:6195255, PMID:6415170

Antibody ID: AB_2573008

Vendor: Thermo Fisher Scientific

Catalog Number: 14-9766-82

Alternative Catalog Numbers: 14-9766

Record Creation Time: 20231110T035115+0000

Record Last Update: 20240725T100921+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:FALSE, 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 CD4 Monoclonal Antibody (4SM95), eBioscience.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Meza-Perez S, et al. (2024) Proteobacteria impair anti-tumor immunity in the omentum by consuming arginine. Cell host & microbe, 32(7), 1177.

Josi R, et al. (2024) A tetravalent nanovaccine that inhibits growth of HPV-associated head and neck carcinoma via dendritic and T cell activation. iScience, 27(4), 109439.

Gaballa A, et al. (2024) PAF1c links S-phase progression to immune evasion and MYC function in pancreatic carcinoma. Nature communications, 15(1), 1446.

Lim RJ, et al. (2024) CXCL9/10-engineered dendritic cells promote T cell activation and enhance immune checkpoint blockade for lung cancer. Cell reports. Medicine, 5(4), 101479.

Blomberg OS, et al. (2023) IL-5-producing CD4+ T cells and eosinophils cooperate to enhance response to immune checkpoint blockade in breast cancer. Cancer cell, 41(1), 106.

Shang M, et al. (2023) MTHFD2 reprograms macrophage polarization by inhibiting PTEN. Cell reports, 42(5), 112481.

Dutt TS, et al. (2022) Mucosal exposure to non-tuberculous mycobacteria elicits B cell-

mediated immunity against pulmonary tuberculosis. Cell reports, 41(11), 111783.

Krenz B, et al. (2021) MYC- and MIZ1-Dependent Vesicular Transport of Double-Strand RNA Controls Immune Evasion in Pancreatic Ductal Adenocarcinoma. Cancer research, 81(16), 4242.

Matas-Rico E, et al. (2021) Autotaxin impedes anti-tumor immunity by suppressing chemotaxis and tumor infiltration of CD8+ T cells. Cell reports, 37(7), 110013.

Qadir AS, et al. (2021) CD95/Fas protects triple negative breast cancer from anti-tumor activity of NK cells. iScience, 24(11), 103348.

Chen YQ, et al. (2020) CRID3, a blocker of apoptosis associated speck like protein containing a card, ameliorates murine spinal cord injury by improving local immune microenvironment. Journal of neuroinflammation, 17(1), 255.

Dheilly E, et al. (2020) Cathepsin S Regulates Antigen Processing and T Cell Activity in Non-Hodgkin Lymphoma. Cancer cell, 37(5), 674.

Jackstadt R, et al. (2019) Epithelial NOTCH Signaling Rewires the Tumor Microenvironment of Colorectal Cancer to Drive Poor-Prognosis Subtypes and Metastasis. Cancer cell, 36(3), 319.