

Resource Summary Report

Generated by NIF on Sep 7, 2026

CD4 Monoclonal Antibody (GK1.5), PE-Cyanine7, eBioscience

RRID:AB_469576

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 25-0041-82, RRID:AB_469576

Antibody Information

URL: http://antibodyregistry.org/AB_469576

Proper Citation: Thermo Fisher Scientific Cat# 25-0041-82, RRID:AB_469576

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_469576, AB_10113991

Antibody Name: CD4 Monoclonal Antibody (GK1.5), PE-Cyanine7, eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_469576

Vendor: Thermo Fisher Scientific

Catalog Number: 25-0041-82

Record Creation Time: 20251213T073249+0000

Record Last Update: 20260903T214819+0000

Ratings and Alerts

No rating or validation information has been found for CD4 Monoclonal Antibody (GK1.5), PE-Cyanine7, eBioscience.

No alerts have been found for CD4 Monoclonal Antibody (GK1.5), PE-Cyanine7, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 56 mentions in open access literature.

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

Sucharov J, et al. (2026) Aged circulating CD8+ T cells and their secreted factors drive cognitive decline. *Immunity*, 59(6), 1651.

Boccia T, et al. (2026) Protocol for modeling innate immune training by repeated alum exposure in mice (adjuvant conditioning). *STAR protocols*, 7(1), 104390.

Gu Y, et al. (2026) Targeting cholesterol esterification sensitizes liver cancer to CD8+ T cell attack by impairing metabolic and redox resilience. *Immunity*, 59(7), 1948.

Marchand T, et al. (2025) Periosteal skeletal stem cells can migrate into the bone marrow and support hematopoiesis after injury. *eLife*, 13.

Yuk CM, et al. (2025) Inositol polyphosphate multikinase regulates Th1 and Th17 cell differentiation by controlling Akt-mTOR signaling. *Cell reports*, 44(2), 115281.

Wang C, et al. (2025) Gut microbe-derived metabolites drive psoriatic inflammation via modulation of skin Th17 cells. *Immunity*, 58(9), 2241.

Xu J, et al. (2025) Bispecific targeting of 4-1BB and CCR8 boosts antitumor immunity via Ti-Treg depletion and CD8+ activation. *iScience*, 28(7), 112829.

Peng Y, et al. (2025) Tolerance to non-inherited maternal antigen is sustained by LysM+ CD11c+ maternal microchimeric cells. *Immunity*, 58(9), 2176.

Bandola-Simon J, et al. (2025) Defective removal of invariant chain peptides from MHC class II suppresses tumor antigen presentation and promotes tumor growth. *Cell reports*, 44(1), 115150.

Li X, et al. (2025) The direct and indirect inhibition of proinflammatory adipose tissue macrophages by acarbose in diet-induced obesity. *Cell reports. Medicine*, 6(1), 101883.

Hargarten JC, et al. (2025) Pathway-instructed therapeutic selection of ruxolitinib reduces neuroinflammation in fungal postinfectious inflammatory syndrome. *Science advances*, 11(12), eadi9885.

Liu L, et al. (2024) Oncolytic bacteria VNP20009 expressing IFN γ inhibits melanoma progression by remodeling the tumor microenvironment. *iScience*, 27(4), 109372.

Liu W, et al. (2024) SGLT2 inhibitor promotes ketogenesis to improve MASH by suppressing CD8 $^{+}$ T cell activation. *Cell metabolism*, 36(10), 2245.

Sato K, et al. (2024) Sufficient water intake maintains the gut microbiota and immune homeostasis and promotes pathogen elimination. *iScience*, 27(6), 109903.

Kao YR, et al. (2024) An iron rheostat controls hematopoietic stem cell fate. *Cell stem cell*, 31(3), 378.

Virassamy B, et al. (2023) Intratumoral CD8 $^{+}$ T cells with a tissue-resident memory phenotype mediate local immunity and immune checkpoint responses in breast cancer. *Cancer cell*, 41(3), 585.

Yan C, et al. (2023) Exhaustion-associated cholesterol deficiency dampens the cytotoxic arm of antitumor immunity. *Cancer cell*, 41(7), 1276.

Lan Y, et al. (2023) R274X-mutated Phf6 increased the self-renewal and skewed T cell differentiation of hematopoietic stem cells. *iScience*, 26(6), 106817.

Fueyo-González F, et al. (2023) Small-molecule TIP60 inhibitors enhance regulatory T cell induction through TIP60-P300 acetylation crosstalk. *iScience*, 26(12), 108491.

Fanti AK, et al. (2023) Flt3- and Tie2-Cre tracing identifies regeneration in sepsis from multipotent progenitors but not hematopoietic stem cells. *Cell stem cell*, 30(2), 207.