

Resource Summary Report

Generated by [ASWG](#) on Aug 9, 2026

CD4 Monoclonal Antibody (GK1.5), APC-eFluor™ 780, eBioscience

RRID:AB_11218896

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 47-0041-82, RRID:AB_11218896)

Antibody Information

URL: http://antibodyregistry.org/AB_11218896

Proper Citation: (Thermo Fisher Scientific Cat# 47-0041-82, RRID:AB_11218896)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow

Antibody Name: CD4 Monoclonal Antibody (GK1.5), APC-eFluor™ 780, eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Defining Citation: [PMID:17060376](#), [PMID:18263815](#)

Antibody ID: AB_11218896

Vendor: Thermo Fisher Scientific

Catalog Number: 47-0041-82

Alternative Catalog Numbers: 47-0041

Record Creation Time: 20251213T073746+0000

Record Last Update: 20260225T230923+0000

Ratings and Alerts

No rating or validation information has been found for CD4 Monoclonal Antibody (GK1.5), APC-eFluor™ 780, eBioscience.

No alerts have been found for CD4 Monoclonal Antibody (GK1.5), APC-eFluor™ 780, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Xie X, et al. (2026) Eos plays a critical role in Treg homeostasis and modulates the function of recirculating thymic Tregs in the control of Treg development. *Cell reports*, 45(1), 116838.

Yan Y, et al. (2026) Local antibody feedback enforces a checkpoint on affinity maturation in the germinal center and promotes epitope spreading. *Immunity*, 59(3), 746.

Eberhard JN, et al. (2025) Immune targeting and host-protective effects of the latent stage of *Toxoplasma gondii*. *Nature microbiology*, 10(4), 992.

Liu W, et al. (2025) An erythroid-biased FOShi hematopoietic multipotent progenitor subpopulation contributes to adaptation to chronic hypoxia. *Cell stem cell*, 32(6), 935.

Li C, et al. (2025) Integrin CD103 expression in naive CD8+ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. *Immunity*.

Winsor NJ, et al. (2025) Cross-kingdom-mediated detection of intestinal protozoa through NLRP6. *Cell host & microbe*, 33(3), 388.

Boccardo S, et al. (2025) Dynamics of tissue repair regulatory T cells and damage in acute *Trypanosoma cruzi* infection. *PLoS pathogens*, 21(1), e1012906.

Lecointre M, et al. (2025) HPV16-Expressing Tumors Release Multiple IL1 Ligands to Orchestrate Systemic Immunosuppression Whose Disruption Enables Efficacy of a Therapeutic Vaccine. *Cancer discovery*, 15(7), 1458.

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. *Cell reports*, 43(7), 114490.

Wu Q, et al. (2024) Ferritin heavy chain supports stability and function of the regulatory T cell lineage. *The EMBO journal*, 43(8), 1445.

Alam MS, et al. (2024) TNFR1 signaling promotes pancreatic tumor growth by limiting dendritic cell number and function. *Cell reports. Medicine*, 5(9), 101696.

Cordeiro B, et al. (2024) Obesity intensifies sex-specific interferon signaling to selectively worsen central nervous system autoimmunity in females. *Cell metabolism*, 36(10), 2298.

Jakob MO, et al. (2023) ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. *Cell reports*, 42(3), 112269.

Muñoz-Wolf N, et al. (2023) Non-canonical inflammasome activation mediates the adjuvanticity of nanoparticles. *Cell reports. Medicine*, 4(1), 100899.

Grenov A, et al. (2022) YTHDF2 suppresses the plasmablast genetic program and promotes germinal center formation. *Cell reports*, 39(5), 110778.

Merana GR, et al. (2022) Intestinal inflammation alters the antigen-specific immune response to a skin commensal. *Cell reports*, 39(9), 110891.

Sk?adanowska K, et al. (2022) Structural basis of activation and antagonism of receptor signaling mediated by interleukin-27. *Cell reports*, 41(3), 111490.

Chang J, et al. (2022) Setd2 determines distinct properties of intestinal ILC3 subsets to regulate intestinal immunity. *Cell reports*, 38(11), 110530.

Sun L, et al. (2021) Transcription factor Ascl2 promotes germinal center B cell responses by directly regulating AID transcription. *Cell reports*, 35(9), 109188.

Huang J, et al. (2021) Interleukin-17D regulates group 3 innate lymphoid cell function through its receptor CD93. *Immunity*, 54(4), 673.