

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Mar 31, 2025

## FITC anti-mouse CD4

RRID:AB\_312691

Type: Antibody

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### Proper Citation

(BioLegend Cat# 100406, RRID:AB\_312691)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_312691](http://antibodyregistry.org/AB_312691)

**Proper Citation:** (BioLegend Cat# 100406, RRID:AB\_312691)

**Target Antigen:** CD4

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC, IHC-F, ICC

**Antibody Name:** FITC anti-mouse CD4

**Description:** This monoclonal targets CD4

**Target Organism:** mouse

**Clone ID:** Clone GK1.5

**Antibody ID:** AB\_312691

**Vendor:** BioLegend

**Catalog Number:** 100406

**Alternative Catalog Numbers:** 100405

**Record Creation Time:** 20231110T045028+0000

**Record Last Update:** 20241115T051401+0000

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## Ratings and Alerts

No rating or validation information has been found for FITC anti-mouse CD4.

No alerts have been found for FITC anti-mouse CD4.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 75 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Zhang G, et al. (2024) Artificial mucus layer formed in response to ROS for the oral treatment of inflammatory bowel disease. *Science advances*, 10(30), eado8222.

Carvalho Cabral P, et al. (2024) Time of day and circadian disruption influence host response and parasite growth in a mouse model of cerebral malaria. *iScience*, 27(5), 109684.

Shu G, et al. (2024) PABPC1L Induces IDO1 to Promote Tryptophan Metabolism and Immune Suppression in Renal Cell Carcinoma. *Cancer research*, 84(10), 1659.

Kume M, et al. (2024) Downregulation of semaphorin 4A in keratinocytes reflects the features of non-lesional psoriasis. *eLife*, 13.

Liang Z, et al. (2024) Intestinal CXCR6+ ILC3s migrate to the kidney and exacerbate renal fibrosis via IL-23 receptor signaling enhanced by PD-1 expression. *Immunity*, 57(6), 1306.

Cong J, et al. (2024) Bile acids modified by the intestinal microbiota promote colorectal cancer growth by suppressing CD8+ T cell effector functions. *Immunity*.

Liu K, et al. (2024) Thymosin  $\alpha$ 1 reverses oncolytic adenovirus-induced M2 polarization of macrophages to improve antitumor immunity and therapeutic efficacy. *Cell reports. Medicine*, 5(10), 101751.

Sun G, et al. (2023) Rebalancing liver-infiltrating CCR3+ and CD206+ monocytes improves diet-induced NAFLD. *Cell reports*, 42(7), 112753.

Luo Q, et al. (2023) An autonomous activation of interleukin-17 receptor signaling sustains inflammation and promotes disease progression. *Immunity*, 56(9), 2006.

Azizov V, et al. (2023) Alcohol-sourced acetate impairs T cell function by promoting cortactin acetylation. *iScience*, 26(7), 107230.

Wang L, et al. (2023) YTHDF2 inhibition potentiates radiotherapy antitumor efficacy. *Cancer cell*, 41(7), 1294.

Chua BA, et al. (2023) Hematopoietic stem cells preferentially traffic misfolded proteins to aggresomes and depend on aggrephagy to maintain protein homeostasis. *Cell stem cell*, 30(4), 460.

Li Y, et al. (2023) Targeting 14-3-3 $\sigma$  by a small-molecule compound AI-34 maintains epithelial barrier integrity and alleviates colitis in mice via stabilizing  $\beta$ -catenin. *Journal of pharmacological sciences*, 152(4), 210.

Macalinao ML, et al. (2023) IL-27 produced during acute malaria infection regulates Plasmodium-specific memory CD4<sup>+</sup> T cells. *EMBO molecular medicine*, 15(12), e17713.

Zhu Y, et al. (2023) Opioid-induced fragile-like regulatory T cells contribute to withdrawal. *Cell*, 186(3), 591.

Abe S, et al. (2023) Hematopoietic cell-derived IL-15 supports NK cell development in scattered and clustered localization within the bone marrow. *Cell reports*, 42(9), 113127.

He K, et al. (2023) Gasdermin D licenses MHCII induction to maintain food tolerance in small intestine. *Cell*, 186(14), 3033.

Kuhlmann-Hogan A, et al. (2023) EGFR + lung adenocarcinomas coopt alveolar macrophage metabolism and function to support EGFR signaling and growth. *bioRxiv : the preprint server for biology*.

Zhang Y, et al. (2023) CD39 inhibition and VISTA blockade may overcome radiotherapy resistance by targeting exhausted CD8<sup>+</sup> T cells and immunosuppressive myeloid cells. *Cell reports. Medicine*, 4(8), 101151.

Liu Y, et al. (2023) Reduced smooth muscle-fibroblasts transformation potentially decreases intestinal wound healing and colitis-associated cancer in ageing mice. *Signal transduction and targeted therapy*, 8(1), 294.