

Resource Summary Report

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FITC anti-mouse CD4

RRID:AB_312712

Type: Antibody

Proper Citation

BioLegend Cat# 100509, RRID:AB_312712

Antibody Information

URL: http://antibodyregistry.org/AB_312712

Proper Citation: BioLegend Cat# 100509, RRID:AB_312712

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: FITC anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_312712

Vendor: BioLegend

Catalog Number: 100509

Alternative Catalog Numbers: 100510

Record Creation Time: 20250819T210849+0000

Record Last Update: 20250819T220002+0000

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.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Yagel G, et al. (2026) Tumor-antigen-independent targeting of solid tumors by armored macrophage-directed anti-TREM2 CAR T cells. *Cancer cell*, 44(3), 519.

Chen XL, et al. (2026) FAK inhibition in ovarian cancer releases omega-3 fatty acids to program CXCL13-producing anti-tumor resident peritoneal macrophages. *Cell reports*, 45(3), 117009.

Li D, et al. (2026) Microbial-derived 3-phenylpropionic acid orchestrates immune-progenitor cell crosstalk to promote beige adipogenesis and energy expenditure. *Cell metabolism*, 38(4), 763.

Duan R, et al. (2026) Hepatocyte PLAGL2 deficiency alleviates MASH through MYD88-licensed inactivation of inflammasome. *Cell reports*, 45(2), 116942.

Wang W, et al. (2026) Oral ??T17 cells induced by macrophage-derived extracellular vesicles in periodontitis exacerbate rheumatoid arthritis. *Cell reports*, 45(6), 117372.

Zhang T, et al. (2025) Humanized mouse model reveals T cell ANXA2 as a potential therapeutic target in ischemic stroke. *iScience*, 28(5), 112302.

Czauderna A, et al. (2025) Long-chain unsaturated fatty acids released during immune responses stimulate host-microbe trans-kingdom communication. *Cell host & microbe*.

Sheban F, et al. (2025) ZEB2 is a master switch controlling the tumor-associated macrophage program. *Cancer cell*, 43(7), 1227.

von Loeffelholz C, et al. (2024) Increased peritoneal B1-like cells during acute phase of human septic peritonitis. *iScience*, 27(7), 110133.

Feng S, et al. (2024) Blockage of L2HGDH-mediated S-2HG catabolism orchestrates macrophage polarization to elicit antitumor immunity. *Cell reports*, 43(6), 114300.

Zhang S, et al. (2023) Gut microecology may be involved in pathogenesis of Hashimoto's thyroiditis by reducing production of hydrogen sulfide. *The Journal of clinical endocrinology and metabolism*.

Zeng S, et al. (2023) Candida albicans-specific Th17 cell-mediated response contributes to alcohol-associated liver disease. *Cell host & microbe*, 31(3), 389.

Elshikha AS, et al. (2023) Pharmacologic inhibition of glycolysis prevents the development of lupus by altering the gut microbiome in mice. *iScience*, 26(7), 107122.

Caputa G, et al. (2022) Intracellular infection and immune system cues rewire adipocytes to acquire immune function. *Cell metabolism*, 34(5), 747.

Chow AK, et al. (2021) Enteric Glia Regulate Lymphocyte Activation via Autophagy-Mediated MHC-II Expression. *Cellular and molecular gastroenterology and hepatology*, 12(4), 1215.

Cantor DJ, et al. (2019) Impaired Expression of Rearranged Immunoglobulin Genes and Premature p53 Activation Block B Cell Development in BMI1 Null Mice. *Cell reports*, 26(1), 108.

Misumi I, et al. (2019) Identification of a Locus in Mice that Regulates the Collateral Damage and Lethality of Virus Infection. *Cell reports*, 27(5), 1387.