

Resource Summary Report

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Pacific Blue(TM) anti-mouse CD4

RRID:AB_493647

Type: Antibody

Proper Citation

BioLegend Cat# 100428, RRID:AB_493647

Antibody Information

URL: http://antibodyregistry.org/AB_493647

Proper Citation: BioLegend Cat# 100428, RRID:AB_493647

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_493647

Vendor: BioLegend

Catalog Number: 100428

Alternative Catalog Numbers: 100427

Record Creation Time: 20250820T063046+0000

Record Last Update: 20250821T001900+0000

Ratings and Alerts

No rating or validation information has been found for Pacific Blue(TM) anti-mouse CD4.

No alerts have been found for Pacific Blue(TM) anti-mouse CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Dong P, et al. (2026) Enhanced HIF-1 α cooperation by a human ROR γ t mutant potentiates Th17 pathogenicity. Cell reports, 45(4), 117123.

González-Domínguez I, et al. (2026) Influenza B mosaic HA mRNA-LNP vaccines are cross-reactive and protective in mice. Molecular therapy. Nucleic acids, 37(2), 102921.

Gong F, et al. (2026) Trans-presentation of IL-6R α by macrophages drives colorectal cancer development. Cell reports, 45(7), 117549.

Zhang L, et al. (2025) Stress triggers irritable bowel syndrome with diarrhea through a spermidine-mediated decline in type I interferon. Cell metabolism, 37(1), 87.

Haraguchi M, et al. (2025) Transmission of maternal oral pathobionts to the infant gut predisposes offspring to exacerbated enteritis. Cell reports, 44(7), 115974.

Chen Y, et al. (2025) Neoadjuvant chemotherapy by liposomal doxorubicin boosts immune protection of tumor membrane antigens-based nanovaccine. Cell reports. Medicine, 6(1), 101877.

Hundhausen N, et al. (2025) NFAT single-deficient murine T cells reduce the risk of aGvHD while controlling cytomegalovirus infection. iScience, 28(2), 111937.

Naruse C, et al. (2025) Differential substrate degradation by super-degron: EGFP in wild-type mouse cells, PD-1 requires CRBN humanization. iScience, 28(7), 112992.

González-Domínguez I, et al. (2025) Mucosal multivalent NDV-based vaccine provides cross-reactive immune responses against SARS-CoV-2 variants in animal models. Frontiers in immunology, 16, 1524477.

Vigo T, et al. (2025) Noradrenergic control of bone marrow and thymus by AgRP neurons is impaired in experimental multiple sclerosis. Cell reports, 44(11), 116556.

Zeng Q, et al. (2025) ORMDL3 restrains type I interferon signaling and anti-tumor immunity by promoting RIG-I degradation. eLife, 13.

González-Domínguez I, et al. (2024) Preclinical evaluation of a universal inactivated influenza B vaccine based on the mosaic hemagglutinin-approach. NPJ vaccines, 9(1), 222.

Wang H, et al. (2024) The alarmin IL-33 exacerbates pulmonary inflammation and immune dysfunction in SARS-CoV-2 infection. iScience, 27(6), 110117.

López DA, et al. (2024) Prenatal inflammation remodels lung immunity and function by programming ILC2 hyperactivation. Cell reports, 43(7), 114365.

Liu X, et al. (2024) SWI/SNF chromatin remodeling factor BAF60b restrains inflammatory diseases by affecting regulatory T cell migration. Cell reports, 43(7), 114458.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. EBioMedicine, 105, 105185.

Hoelt K, et al. (2023) Platelet-instructed SPP1+ macrophages drive myofibroblast activation in fibrosis in a CXCL4-dependent manner. Cell reports, 42(2), 112131.

von Wulffen M, et al. (2023) S100A8/A9-alarmin promotes local myeloid-derived suppressor cell activation restricting severe autoimmune arthritis. Cell reports, 42(8), 113006.

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

Briukhovetska D, et al. (2023) T cell-derived interleukin-22 drives the expression of CD155 by cancer cells to suppress NK cell function and promote metastasis. Immunity, 56(1), 143.