

Resource Summary Report

Generated by NIF on Jul 29, 2026

IL-4

RRID:AB_395391

Type: Antibody

Proper Citation

BD Biosciences Cat# 554435, RRID:AB_395391

Antibody Information

URL: http://antibodyregistry.org/AB_395391

Proper Citation: BD Biosciences Cat# 554435, RRID:AB_395391

Target Antigen: IL-4

Host Organism: rat

Clonality: monoclonal

Comments: Intracellular staining (flow Cytotoxicityometry)

Antibody Name: IL-4

Description: This monoclonal targets IL-4

Target Organism: mouse

Antibody ID: AB_395391

Vendor: BD Biosciences

Catalog Number: 554435

Record Creation Time: 20250820T045322+0000

Record Last Update: 20250820T201228+0000

Ratings and Alerts

No rating or validation information has been found for IL-4.

No alerts have been found for IL-4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Istomine R, et al. (2023) The eIF4EBP-eIF4E axis regulates CD4+ T cell differentiation through modulation of T cell activation and metabolism. *iScience*, 26(5), 106683.

Balmert SC, et al. (2022) A microarray patch SARS-CoV-2 vaccine induces sustained antibody responses and polyfunctional cellular immunity. *iScience*, 25(10), 105045.

Kawakami R, et al. (2021) Distinct Foxp3 enhancer elements coordinate development, maintenance, and function of regulatory T cells. *Immunity*, 54(5), 947.

Carneiro MB, et al. (2020) Th1-Th2 Cross-Regulation Controls Early Leishmania Infection in the Skin by Modulating the Size of the Permissive Monocytic Host Cell Reservoir. *Cell host & microbe*, 27(5), 752.

Nguyen HD, et al. (2020) Lysosomal Acid Lipase Is Required for Donor T Cells to Induce Graft-versus-Host Disease. *Cell reports*, 33(4), 108316.

Wu H, et al. (2020) A bivalent antihypertensive vaccine targeting L-type calcium channels and angiotensin AT1 receptors. *British journal of pharmacology*, 177(2), 402.

Wang X, et al. (2020) Febrile Temperature Critically Controls the Differentiation and Pathogenicity of T Helper 17 Cells. *Immunity*, 52(2), 328.

Yang SJ, et al. (2020) Activation of M1 Macrophages in Response to Recombinant TB Vaccines With Enhanced Antimycobacterial Activity. *Frontiers in immunology*, 11, 1298.

Adoue V, et al. (2019) The Histone Methyltransferase SETDB1 Controls T Helper Cell Lineage Integrity by Repressing Endogenous Retroviruses. *Immunity*, 50(3), 629.

Blecher-Gonen R, et al. (2019) Single-Cell Analysis of Diverse Pathogen Responses Defines a Molecular Roadmap for Generating Antigen-Specific Immunity. *Cell systems*, 8(2), 109.

Angelou CC, et al. (2019) Differentiation of Pathogenic Th17 Cells Is Negatively Regulated by Let-7 MicroRNAs in a Mouse Model of Multiple Sclerosis. *Frontiers in immunology*, 10, 3125.

Van Gool F, et al. (2019) A Mutation in the Transcription Factor Foxp3 Drives T Helper 2 Effector Function in Regulatory T Cells. *Immunity*, 50(2), 362.

Xu W, et al. (2019) The Transcription Factor Tox2 Drives T Follicular Helper Cell Development via Regulating Chromatin Accessibility. *Immunity*, 51(5), 826.

Hayatsu N, et al. (2017) Analyses of a Mutant Foxp3 Allele Reveal BATF as a Critical Transcription Factor in the Differentiation and Accumulation of Tissue Regulatory T Cells. *Immunity*, 47(2), 268.