

Resource Summary Report

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PE anti-mouse IL-4

RRID:AB_315317

Type: Antibody

Proper Citation

(BioLegend Cat# 504103, RRID:AB_315317)

Antibody Information

URL: http://antibodyregistry.org/AB_315317

Proper Citation: (BioLegend Cat# 504103, RRID:AB_315317)

Target Antigen: IL-4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: ICFC

Antibody Name: PE anti-mouse IL-4

Description: This monoclonal targets IL-4

Target Organism: mouse

Clone ID: Clone 11B11

Antibody ID: AB_315317

Vendor: BioLegend

Catalog Number: 504103

Alternative Catalog Numbers: 504104

Record Creation Time: 20231110T044954+0000

Record Last Update: 20241115T013358+0000

Ratings and Alerts

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

No alerts have been found for PE anti-mouse IL-4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Penninger P, et al. (2024) HDAC1 fine-tunes Th17 polarization in vivo to restrain tissue damage in fungal infections. *Cell reports*, 43(12), 114993.

Komine O, et al. (2024) Genetic background variation impacts microglial heterogeneity and disease progression in amyotrophic lateral sclerosis model mice. *iScience*, 27(2), 108872.

Huang TY, et al. (2023) Phosphoenolpyruvate regulates the Th17 transcriptional program and inhibits autoimmunity. *Cell reports*, 42(3), 112205.

Chandra A, et al. (2023) Quantitative control of Ets1 dosage by a multi-enhancer hub promotes Th1 cell differentiation and protects from allergic inflammation. *Immunity*, 56(7), 1451.

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*.

Cao L, et al. (2022) METTL14-dependent m6A modification controls iNKT cell development and function. *Cell reports*, 40(5), 111156.

Yuan Y, et al. (2022) A bivalent nanoparticle vaccine exhibits potent cross-protection against the variants of SARS-CoV-2. *Cell reports*, 38(3), 110256.

Vaena S, et al. (2021) Aging-dependent mitochondrial dysfunction mediated by ceramide signaling inhibits antitumor T cell response. *Cell reports*, 35(5), 109076.

Zhao B, et al. (2021) A safe and effective mucosal RSV vaccine in mice consisting of RSV phosphoprotein and flagellin variant. *Cell reports*, 36(3), 109401.

Xu Y, et al. (2021) Induction of Foxp3 and activation of Tregs by HSP gp96 for treatment of autoimmune diseases. *iScience*, 24(12), 103445.

Huang LJ, et al. (2021) Multiomics analyses reveal a critical role of selenium in controlling T cell differentiation in Crohn's disease. *Immunity*, 54(8), 1728.

Zhou Y, et al. (2021) Methods for Studying Mouse and Human Invariant Natural Killer T Cells. *Methods in molecular biology* (Clifton, N.J.), 2388, 35.

Ma X, et al. (2020) Nanoparticle Vaccines Based on the Receptor Binding Domain (RBD) and Heptad Repeat (HR) of SARS-CoV-2 Elicit Robust Protective Immune Responses. *Immunity*, 53(6), 1315.

Ji L, et al. (2019) Slc6a8-Mediated Creatine Uptake and Accumulation Reprogram Macrophage Polarization via Regulating Cytokine Responses. *Immunity*, 51(2), 272.

Green CD, et al. (2018) A Comprehensive Roadmap of Murine Spermatogenesis Defined by Single-Cell RNA-Seq. *Developmental cell*, 46(5), 651.

Amir M, et al. (2018) REV-ERB α Regulates TH17 Cell Development and Autoimmunity. *Cell reports*, 25(13), 3733.