

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 12, 2025

## APC anti-mouse CD3?

RRID:AB\_312677

Type: Antibody

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### Proper Citation

(BioLegend Cat# 100312, RRID:AB\_312677)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_312677](http://antibodyregistry.org/AB_312677)

**Proper Citation:** (BioLegend Cat# 100312, RRID:AB\_312677)

**Target Antigen:** CD3epsilon

**Host Organism:** armenian hamster

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** APC anti-mouse CD3?

**Description:** This monoclonal targets CD3epsilon

**Target Organism:** mouse

**Clone ID:** Clone 145-2C11

**Antibody ID:** AB\_312677

**Vendor:** BioLegend

**Catalog Number:** 100312

**Alternative Catalog Numbers:** 100311

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

**Record Last Update:** 20241115T125550+0000

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## Ratings and Alerts

No rating or validation information has been found for APC anti-mouse CD3?.

No alerts have been found for APC anti-mouse CD3?.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Buquicchio FA, et al. (2024) Distinct epigenomic landscapes underlie tissue-specific memory T cell differentiation. *Immunity*, 57(9), 2202.

Guo YY, et al. (2024) Viral infection and spread are inhibited by the polyubiquitination and downregulation of TRPV2 channel by the interferon-stimulated gene TRIM21. *Cell reports*, 43(4), 114095.

Waibl Polania J, et al. (2024) Antigen presentation by tumor-associated macrophages drives T cells from a progenitor exhaustion state to terminal exhaustion. *Immunity*.

Sugimoto C, et al. (2024) Mice Generated with Induced Pluripotent Stem Cells Derived from Mucosal-Associated Invariant T Cells. *Biomedicines*, 12(1).

Zhao F, et al. (2024) GRP75-dependent mitochondria-ER contacts ensure cell survival during early mouse thymocyte development. *Developmental cell*, 59(19), 2643.

Sato K, et al. (2024) Sufficient water intake maintains the gut microbiota and immune homeostasis and promotes pathogen elimination. *iScience*, 27(6), 109903.

Bonora M, et al. (2024) A mitochondrial NADPH-cholesterol axis regulates extracellular vesicle biogenesis to support hematopoietic stem cell fate. *Cell stem cell*, 31(3), 359.

Rosmus DD, et al. (2024) Redefining the ontogeny of hyalocytes as yolk sac-derived tissue-resident macrophages of the vitreous body. *Journal of neuroinflammation*, 21(1), 168.

Liu J, et al. (2024) QDPR deficiency drives immune suppression in pancreatic cancer. *Cell metabolism*, 36(5), 984.

Fukaya T, et al. (2023) Gut dysbiosis promotes the breakdown of oral tolerance mediated through dysfunction of mucosal dendritic cells. *Cell reports*, 42(5), 112431.

Wang C, et al. (2023) Dysregulated lung stroma drives emphysema exacerbation by potentiating resident lymphocytes to suppress an epithelial stem cell reservoir. *Immunity*, 56(3), 576.

Ueda Y, et al. (2023) Rap1 organizes lymphocyte front-back polarity via RhoA signaling and talin1. *iScience*, 26(8), 107292.

Pelgrom LR, et al. (2023) QUAS-R: An SLC1A5-mediated glutamine uptake assay with single-cell resolution reveals metabolic heterogeneity with immune populations. *Cell reports*, 42(8), 112828.

Fisher AL, et al. (2023) Quantitative proteomics and RNA-sequencing of mouse liver endothelial cells identify novel regulators of BMP6 by iron. *iScience*, 26(12), 108555.

Kamioka Y, et al. (2023) Distinct bidirectional regulation of LFA1 and  $\beta$ 4?7 by Rap1 and integrin adaptors in T cells under shear flow. *Cell reports*, 42(6), 112580.

Sonomoto K, et al. (2023) High-fat-diet-associated intestinal microbiota exacerbates psoriasis-like inflammation by enhancing systemic  $\beta$ ? T cell IL-17 production. *Cell reports*, 42(7), 112713.

Zang Y, et al. (2023) Retinoid X receptor gamma dictates the activation threshold of group 2 innate lymphoid cells and limits type 2 inflammation in the small intestine. *Immunity*, 56(11), 2542.

Ma S, et al. (2022) Heterochronic parabiosis induces stem cell revitalization and systemic rejuvenation across aged tissues. *Cell stem cell*, 29(6), 990.

Fukushima Y, et al. (2022) cis interaction of CD153 with TCR/CD3 is crucial for the pathogenic activation of senescence-associated T cells. *Cell reports*, 40(12), 111373.

Düking T, et al. (2022) Ketogenic diet uncovers differential metabolic plasticity of brain cells. *Science advances*, 8(37), eabo7639.