

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

Alexa Fluor(R) 647 anti-mouse CD3

RRID:AB_389323

Type: Antibody

Proper Citation

BioLegend Cat# 100209, RRID:AB_389323

Antibody Information

URL: http://antibodyregistry.org/AB_389323

Proper Citation: BioLegend Cat# 100209, RRID:AB_389323

Target Antigen: CD3

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, IHC-F, 3D IHC, SB

Antibody Name: Alexa Fluor(R) 647 anti-mouse CD3

Description: This monoclonal targets CD3

Target Organism: mouse

Clone ID: Clone 17A2

Antibody ID: AB_389323

Vendor: BioLegend

Catalog Number: 100209

Record Creation Time: 20250820T023643+0000

Record Last Update: 20250820T140323+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 647 anti-mouse CD3.

No alerts have been found for Alexa Fluor(R) 647 anti-mouse CD3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Rodrigues PF, et al. (2025) Ror γ t-positive dendritic cells are required for the induction of peripheral regulatory T cells in response to oral antigens. *Cell*, 188(10), 2720.

Castaño D, et al. (2025) Distinct components of mRNA vaccines cooperate to instruct efficient germinal center responses. *Cell*, 188(26), 7461.

Jiang H, et al. (2024) Oncolytic cytomegaloviruses expressing EGFR-retargeted fusogenic glycoprotein complex and drug-controllable interleukin 12. *Cell reports. Medicine*, 101874.

Rodrigues PF, et al. (2024) Progenitors of distinct lineages shape the diversity of mature type 2 conventional dendritic cells. *Immunity*, 57(7), 1567.

Takewaki D, et al. (2024) Tyzzerella nexilis strains enriched in mobile genetic elements are involved in progressive multiple sclerosis. *Cell reports*, 43(10), 114785.

Almagro J, et al. (2023) Volume imaging to interrogate cancer cell-tumor microenvironment interactions in space and time. *Frontiers in immunology*, 14, 1176594.

Bayerl F, et al. (2023) Tumor-derived prostaglandin E2 programs cDC1 dysfunction to impair intratumoral orchestration of anti-cancer T cell responses. *Immunity*, 56(6), 1341.

Lança T, et al. (2022) IRF8 deficiency induces the transcriptional, functional, and epigenetic reprogramming of cDC1 into the cDC2 lineage. *Immunity*, 55(8), 1431.

Baldominos P, et al. (2022) Quiescent cancer cells resist T cell attack by forming an immunosuppressive niche. *Cell*, 185(10), 1694.

Yang L, et al. (2022) Histone deacetylase 3 contributes to the antiviral innate immunity of macrophages by interacting with FOXP1 to regulate STAT1/2 transcription. *Cell reports*, 38(4), 110302.

Emoto T, et al. (2022) Colony stimulating factor-1 producing endothelial cells and mesenchymal stromal cells maintain monocytes within a perivascular bone marrow niche. *Immunity*, 55(5), 862.

Biswas A, et al. (2022) Immuno-localization of definitive hematopoietic stem cells in the vascular niche of mouse fetal liver. *STAR protocols*, 3(4), 101580.

Chakraborty M, et al. (2021) Mechanical Stiffness Controls Dendritic Cell Metabolism and Function. *Cell reports*, 34(2), 108609.

Millard SM, et al. (2021) Fragmentation of tissue-resident macrophages during isolation confounds analysis of single-cell preparations from mouse hematopoietic tissues. *Cell reports*, 37(8), 110058.

Sun L, et al. (2021) Activating a collaborative innate-adaptive immune response to control metastasis. *Cancer cell*, 39(10), 1361.

Rodriguez AB, et al. (2021) Immune mechanisms orchestrate tertiary lymphoid structures in tumors via cancer-associated fibroblasts. *Cell reports*, 36(3), 109422.

Zhang H, et al. (2021) Bach2 attenuates IL-2R signaling to control Treg homeostasis and Tfr development. *Cell reports*, 35(6), 109096.

Guldner IH, et al. (2020) CNS-Native Myeloid Cells Drive Immune Suppression in the Brain Metastatic Niche through Cxcl10. *Cell*, 183(5), 1234.

Baptista AP, et al. (2019) The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4⁺ T Cell Peripheralization to Promote Effective Adaptive Immunity. *Immunity*, 50(5), 1188.

Ettxeberria I, et al. (2019) Intratumor Adoptive Transfer of IL-12 mRNA Transiently Engineered Antitumor CD8⁺ T Cells. *Cancer cell*, 36(6), 613.