

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

Alexa Fluor 647 Mouse Anti-Mouse ROR?t Antibody

RRID:AB_2687546

Type: Antibody

Proper Citation

BD Biosciences Cat# 562682, RRID:AB_2687546

Antibody Information

URL: http://antibodyregistry.org/AB_2687546

Proper Citation: BD Biosciences Cat# 562682, RRID:AB_2687546

Target Antigen: Mouse ROR?t

Host Organism: mouse

Clonality: monoclonal

Comments: Intracellular staining (flow Cytotoxicityometry)

Antibody Name: Alexa Fluor 647 Mouse Anti-Mouse ROR?t Antibody

Description: This monoclonal targets Mouse ROR?t

Target Organism: mouse

Clone ID: Q31-378

Antibody ID: AB_2687546

Vendor: BD Biosciences

Catalog Number: 562682

Record Creation Time: 20231110T034042+0000

Record Last Update: 20260829T195019+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor 647 Mouse Anti-Mouse ROR?t Antibody.

No alerts have been found for Alexa Fluor 647 Mouse Anti-Mouse ROR γ t Antibody.

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 [dkNET](#) .

Heepmann L, et al. (2026) CD160-competent ILC2 are crucial for the ejection of intestinal helminths by the innate immune system. *Mucosal immunology*, 19(3), 100344.

Bilanovic J, et al. (2026) One-step generation of T-cell receptor knock-in mice in the TCR β locus. *The EMBO journal*, 45(12), 4321.

Shimba A, et al. (2025) Stress-induced glucocorticoids enhance acute inflammation by promoting the differentiation of Th17 cells. *Cell reports*, 44(8), 116093.

Budina E, et al. (2025) Activity-attenuated serum albumin-fused interleukin-33 suppresses experimental autoimmune encephalomyelitis. *Cell reports. Medicine*, 6(7), 102231.

Shao TY, et al. (2023) Kruppel-like factor 2+ CD4 T cells avert microbiota-induced intestinal inflammation. *Cell reports*, 42(11), 113323.

Kasuya T, et al. (2023) Epithelial cell-derived cytokine TSLP activates regulatory T cells by enhancing fatty acid uptake. *Scientific reports*, 13(1), 1653.

Shao TY, et al. (2022) *Candida albicans* oscillating UME6 expression during intestinal colonization primes systemic Th17 protective immunity. *Cell reports*, 39(7), 110837.

Damasceno LEA, et al. (2022) STING is an intrinsic checkpoint inhibitor that restrains the TH17 cell pathogenic program. *Cell reports*, 39(8), 110838.

Toutouchi NS, et al. (2021) Human Milk Oligosaccharide 3'-GL Improves Influenza-Specific Vaccination Responsiveness and Immunity after Deoxynivalenol Exposure in Preclinical Models. *Nutrients*, 13(9).

Zeis P, et al. (2020) In Situ Maturation and Tissue Adaptation of Type 2 Innate Lymphoid Cell Progenitors. *Immunity*, 53(4), 775.

Chang D, et al. (2020) The Conserved Non-coding Sequences CNS6 and CNS9 Control Cytokine-Induced Rorc Transcription during T Helper 17 Cell Differentiation. *Immunity*, 53(3), 614.

Park JY, et al. (2019) Quantitative Difference in PLZF Protein Expression Determines iNKT Lineage Fate and Controls Innate CD8 T Cell Generation. *Cell reports*, 27(9), 2548.

Oldenhove G, et al. (2018) PD-1 Is Involved in the Dysregulation of Type 2 Innate Lymphoid Cells in a Murine Model of Obesity. *Cell reports*, 25(8), 2053.

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.