Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 7, 2025

CD3

RRID:AB_2744387
Type: Antibody

Proper Citation

(BD Biosciences Cat# 563546, RRID:AB_2744387)

Antibody Information

URL: http://antibodyregistry.org/AB_2744387

Proper Citation: (BD Biosciences Cat# 563546, RRID:AB_2744387)

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD3

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: UCHT1

Antibody ID: AB_2744387

Vendor: BD Biosciences

Catalog Number: 563546

Alternative Catalog Numbers: 563548

Record Creation Time: 20231110T033442+0000

Record Last Update: 20240725T064319+0000

Ratings and Alerts

No rating or validation information has been found for CD3.

No alerts have been found for CD3.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 37 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Wang L, et al. (2024) PD-L1-expressing tumor-associated macrophages are immunostimulatory and associate with good clinical outcome in human breast cancer. Cell reports. Medicine, 5(2), 101420.

Reilly NA, et al. (2024) Oleic acid triggers metabolic rewiring of T cells poising them for T helper 9 differentiation. iScience, 27(4), 109496.

Padoan B, et al. (2024) NKp44/HLA-DP-dependent regulation of CD8 effector T cells by NK cells. Cell reports, 43(4), 114089.

Tsao HW, et al. (2024) Targeting the aminopeptidase ERAP enhances antitumor immunity by disrupting the NKG2A-HLA-E inhibitory checkpoint. Immunity, 57(12), 2863.

Radziszewska A, et al. (2024) Type I interferon and mitochondrial dysfunction are associated with dysregulated cytotoxic CD8+ T cell responses in juvenile systemic lupus erythematosus. Clinical and experimental immunology.

Zhao Y, et al. (2024) Personalized drug screening using patient-derived organoid and its clinical relevance in gastric cancer. Cell reports. Medicine, 5(7), 101627.

Ryu H, et al. (2024) Merkel cell polyomavirus-specific and CD39+CLA+ CD8 T cells as blood-based predictive biomarkers for PD-1 blockade in Merkel cell carcinoma. Cell reports. Medicine, 5(2), 101390.

Reid KT, et al. (2024) Cell therapy with human IL-10-producing ILC2s limits xenogeneic graft-versus-host disease by inhibiting pathogenic T cell responses. Cell reports, 44(1), 115102.

Dubé M, et al. (2023) Spontaneous HIV expression during suppressive ART is associated with the magnitude and function of HIV-specific CD4+ and CD8+ T cells. Cell host & microbe, 31(9), 1507.

Williams GP, et al. (2023) Unaltered T cell responses to common antigens in individuals with Parkinson's disease. Journal of the neurological sciences, 444, 120510.

Nicolas A, et al. (2023) An extended SARS-CoV-2 mRNA vaccine prime-boost interval enhances B cell immunity with limited impact on T cells. iScience, 26(1), 105904.

Grünhagel B, et al. (2023) Reduction of IFN-I responses by plasmacytoid dendritic cells in a longitudinal trans men cohort. iScience, 26(11), 108209.

Capone S, et al. (2023) GRAd-COV2 vaccine provides potent and durable humoral and cellular immunity to SARS-CoV-2 in randomized placebo-controlled phase 2 trial. Cell reports. Medicine, 4(6), 101084.

Sannier G, et al. (2023) A third SARS-CoV-2 mRNA vaccine dose in people receiving hemodialysis overcomes B cell defects but elicits a skewed CD4+ T cell profile. Cell reports. Medicine, 4(3), 100955.

Saotome K, et al. (2023) Structural analysis of cancer-relevant TCR-CD3 and peptide-MHC complexes by cryoEM. Nature communications, 14(1), 2401.

Mayer-Blackwell K, et al. (2023) mRNA vaccination boosts S-specific T cell memory and promotes expansion of CD45RAint TEMRA-like CD8+ T cells in COVID-19 recovered individuals. Cell reports. Medicine, 4(8), 101149.

Chappert P, et al. (2022) Human anti-smallpox long-lived memory B cells are defined by dynamic interactions in the splenic niche and long-lasting germinal center imprinting. Immunity, 55(10), 1872.

Demaria O, et al. (2022) Antitumor immunity induced by antibody-based natural killer cell engager therapeutics armed with not-alpha IL-2 variant. Cell reports. Medicine, 3(10), 100783.

Zhang Z, et al. (2022) Humoral and cellular immune memory to four COVID-19 vaccines. Cell, 185(14), 2434.

Ducoin K, et al. (2022) Defining the Immune Checkpoint Landscape in Human Colorectal Cancer Highlights the Relevance of the TIGIT/CD155 Axis for Optimizing Immunotherapy. Cancers, 14(17).