

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

Alexa Fluor(R) 700 anti-human CD3

RRID:AB_493741

Type: Antibody

Proper Citation

BioLegend Cat# 300424, RRID:AB_493741

Antibody Information

URL: http://antibodyregistry.org/AB_493741

Proper Citation: BioLegend Cat# 300424, RRID:AB_493741

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Alexa Fluor(R) 700 anti-human CD3

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: Clone UCHT1

Antibody ID: AB_493741

Vendor: BioLegend

Catalog Number: 300424

Alternative Catalog Numbers: 300423

Record Creation Time: 20250820T070848+0000

Record Last Update: 20250821T014226+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community. Contact(s): [Jing Chen](#), [Mark Atkinson](#), [Todd Brusko](#), [Clayton Mathews](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Alexa Fluor(R) 700 anti-human CD3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Laheurte C, et al. (2025) UCPVax, a CD4 helper peptide vaccine, induces polyfunctional Th1 cells, antibody response, and epitope spreading to improve antitumor immunity. Cell reports. Medicine, 6(7), 102196.

Zhang Y, et al. (2025) Immune targeting of triple-negative breast cancer through a clinically actionable STING agonist-CAR T cell platform. Cell reports. Medicine, 6(7), 102198.

Corgnac S, et al. (2025) TGF- β and IL-12 conversely orchestrate the formation of CD103⁺ CD8 tumor-resident memory T cells to regulate response to therapeutic cancer vaccine. iScience, 28(8), 113147.

Ishino T, et al. (2025) Immunopeptidomics combined with full-length transcriptomics uncovers diverse neoantigens. Cell reports, 45(1), 116781.

David M, et al. (2025) Enhanced anti-tumor activity by zinc finger repressor-driven epigenetic silencing of immune checkpoints and TGFBR2 in CAR-T cells and TILs. Molecular therapy. Oncology, 33(2), 200989.

Zhou W, et al. (2025) ILC3s sense gut microbiota through STING to initiate immune tolerance. Immunity, 58(7), 1762.

Hamm F, et al. (2025) DNA methylomes undergo distinct waves of remodeling during thymic T cell development and do not acquire a proliferation-induced imprint. Cell reports, 44(8), 116092.

Thomas BJ, et al. (2025) DUSP11 is an Intracellular Innate Immune Checkpoint in Lung Adenocarcinoma. Cancer immunology research, 13(11), 1798.

Barros PO, et al. (2025) Failure of ?? T Cell Recovery in the Gut With Effective Anti-HIV Therapy. Journal of immunology research, 2025, 9883892.

Mthembu M, et al. (2024) Dysfunctional bronchoalveolar effector memory CD8⁺ T cells in tuberculosis-exposed people living with antiretroviral-naïve HIV infection. iScience, 27(11), 111137.

MacDonald L, et al. (2024) Synovial tissue myeloid dendritic cell subsets exhibit distinct tissue-niche localization and function in health and rheumatoid arthritis. *Immunity*, 57(12), 2843.

Zhou W, et al. (2024) Stem-like progenitor and terminally differentiated TFH-like CD4+ T cell exhaustion in the tumor microenvironment. *Cell reports*, 43(2), 113797.

Lin M, et al. (2024) Inflammatory dendritic cells restrain CD11b+CD4+ CTLs via CD200R in human NSCLC. *Cell reports*, 43(2), 113767.

Armani-Tourret M, et al. (2024) Selection of epigenetically privileged HIV-1 proviruses during treatment with panobinostat and interferon- γ 2a. *Cell*, 187(5), 1238.

Xiong H, et al. (2023) Cytotoxic CD161-CD8+ TEMRA cells contribute to the pathogenesis of systemic lupus erythematosus. *EBioMedicine*, 90, 104507.

Massenet-Regad L, et al. (2023) Large-scale analysis of cell-cell communication reveals angiogenin-dependent tumor progression in clear cell renal cell carcinoma. *iScience*, 26(12), 108367.

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

Yadavilli S, et al. (2023) Activating Inducible T-cell Costimulator Yields Antitumor Activity Alone and in Combination with Anti-PD-1 Checkpoint Blockade. *Cancer research communications*, 3(8), 1564.

Sims EK, et al. (2023) Inhibition of polyamine biosynthesis preserves β cell function in type 1 diabetes. *Cell reports. Medicine*, 4(11), 101261.

Timperi E, et al. (2022) Lipid-Associated Macrophages Are Induced by Cancer-Associated Fibroblasts and Mediate Immune Suppression in Breast Cancer. *Cancer research*, 82(18), 3291.