

# Resource Summary Report

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

## Mouse Anti-CD3 Monoclonal Antibody, Unconjugated, Clone UCHT1

RRID:AB\_395736

Type: Antibody

---

### Proper Citation

BD Biosciences Cat# 555329, RRID:AB\_395736

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_395736](http://antibodyregistry.org/AB_395736)

**Proper Citation:** BD Biosciences Cat# 555329, RRID:AB\_395736

**Target Antigen:** CD3

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Flow cytometry, Functional assay

**Antibody Name:** Mouse Anti-CD3 Monoclonal Antibody, Unconjugated, Clone UCHT1

**Description:** This monoclonal targets CD3

**Target Organism:** human

**Clone ID:** UCHT1

**Antibody ID:** AB\_395736

**Vendor:** BD Biosciences

**Catalog Number:** 555329

**Record Creation Time:** 20250820T063053+0000

**Record Last Update:** 20250821T001910+0000

---

### Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD3 Monoclonal Antibody, Unconjugated, Clone UCHT1.

No alerts have been found for Mouse Anti-CD3 Monoclonal Antibody, Unconjugated, Clone UCHT1.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Castro RC, et al. (2026) Extracellular Vesicles Favor Early Peripheral Immunosenescence Through Modulation of the Senescence-Associated Secretory Phenotype in HIV Infection. *Aging cell*, 25(1), e70320.

Carré A, et al. (2025) Interferon- $\gamma$  promotes HLA-B-restricted presentation of conventional and alternative antigens in human pancreatic  $\beta$ -cells. *Nature communications*, 16(1), 765.

Song L, et al. (2025) Lymphocyte subset-based non-invasive biomarker predicts immunochemotherapy efficacy in EGFR-TKI-pretreated EGFR-mutated NSCLC. *iScience*, 28(9), 113211.

Zhang QS, et al. (2025) SHMT2 regulates CD8<sup>+</sup> T cell senescence via the reactive oxygen species axis in HIV-1 infected patients on antiretroviral therapy. *EBioMedicine*, 112, 105533.

Harre P, et al. (2025) Dietary  $\omega$ -3 polyunsaturated fatty acids (PUFAs) reduce cholesterol-driven non-small cell lung cancer (NSCLC) progression in mouse models of disease. *Communications medicine*, 5(1), 432.

Fert A, et al. (2024) Metformin facilitates viral reservoir reactivation and their recognition by anti-HIV-1 envelope antibodies. *iScience*, 27(9), 110670.

Koh DI, et al. (2024) The Immune Suppressor IGSF1 as a Potential Target for Cancer Immunotherapy. *Cancer immunology research*, 12(4), 491.

Otsuka S, et al. (2024) Calcineurin is an adaptor required for assembly of the TCR signaling complex. *Cell reports*, 43(8), 114568.

Jin Z, et al. (2024) GABA-mediated inhibition of human CD4<sup>+</sup> T cell functions is enhanced by insulin but impaired by high glucose levels. *EBioMedicine*, 105, 105217.

Côrte-Real BF, et al. (2023) Sodium perturbs mitochondrial respiration and induces dysfunctional Tregs. *Cell metabolism*, 35(2), 299.

Pénzes Z, et al. (2023) The dual role of cannabidiol on monocyte-derived dendritic cell differentiation and maturation. *Frontiers in immunology*, 14, 1240800.

Flumens D, et al. (2023) One-step CRISPR-Cas9-mediated knockout of native TCR?? genes in human T cells using RNA electroporation. *STAR protocols*, 4(1), 102112.

Chatterjee D, et al. (2023) Identification of aryl hydrocarbon receptor as a barrier to HIV-1 infection and outgrowth in CD4+ T cells. *Cell reports*, 42(6), 112634.

Bedsaul JR, et al. (2022) Mechanistic impact of oligomer poisoning by dominant-negative CARD11 variants. *iScience*, 25(2), 103810.

Liu H, et al. (2022) Optimal target saturation of ligand-blocking anti-GITR antibody IBI37G5 dictates Fc?R-independent GITR agonism and antitumor activity. *Cell reports. Medicine*, 3(6), 100660.

Georg P, et al. (2022) Complement activation induces excessive T cell cytotoxicity in severe COVID-19. *Cell*, 185(3), 493.

Wiche Salinas TR, et al. (2021) IL-17A reprograms intestinal epithelial cells to facilitate HIV-1 replication and outgrowth in CD4+ T cells. *iScience*, 24(11), 103225.

Fu Y, et al. (2021) CD27-CD38+ B cells accumulated in early HIV infection exhibit transitional profile and promote HIV disease progression. *Cell reports*, 36(2), 109344.

Song M, et al. (2021) Inhibition of RFX6 Suppresses the Invasive Ability of Tumor Cells Through the Notch Pathway and Affects Tumor Immunity in Hepatocellular Carcinoma. *Frontiers in oncology*, 11, 801222.

Rütgen BC, et al. (2021) Flow Cytometric Assessment of Ki-67 Expression in Lymphocytes From Physiologic Lymph Nodes, Lymphoma Cell Populations and Remnant Normal Cell Populations From Lymphomatous Lymph Nodes. *Frontiers in veterinary science*, 8, 663656.