

# Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

## Alexa Fluor(R) 700 anti-human CD3

RRID:AB\_493740

Type: Antibody

---

### Proper Citation

BioLegend Cat# 300423, RRID:AB\_493740

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_493740](http://antibodyregistry.org/AB_493740)

**Proper Citation:** BioLegend Cat# 300423, RRID:AB\_493740

**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\_493740

**Vendor:** BioLegend

**Catalog Number:** 300423

**Alternative Catalog Numbers:** 300424

**Record Creation Time:** 20250820T003427+0000

**Record Last Update:** 20250820T083818+0000

---

### Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 700 anti-human CD3.

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 9 mentions in open access literature.

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

Gabele A, et al. (2025) Unveiling IRF4-steered regulation of context-dependent effector programs in CD4<sup>+</sup> T cells under Th17- and Treg-skewing conditions. *Cell reports*, 44(3), 115407.

Jelcic I, et al. (2025) T-bet<sup>+</sup> CXCR3<sup>+</sup> B cells drive hyperreactive B-T cell interactions in multiple sclerosis. *Cell reports. Medicine*, 6(3), 102027.

Kak G, et al. (2025) CD4<sup>+</sup> T cell-innate immune crosstalk is critical during *Staphylococcus aureus* craniotomy infection. *JCI insight*, 10(4).

Finke M, et al. (2025) Generation of four human induced pluripotent stem cell lines from functionally distinct T cell lineages with defined or undefined T cell receptor specificity. *Stem cell research*, 88, 103813.

Gilchrist JJ, et al. (2024) Characterization of the genetic determinants of context-specific DNA methylation in primary monocytes. *Cell genomics*, 4(5), 100541.

F??chsl F, et al. (2024) High-resolution profile of neoantigen-specific TCR activation links moderate stimulation to increased resilience of engineered TCR-T cells. *Nature communications*, 15(1), 10520.

Drenthen LCA, et al. (2024) Magnesium supplementation modulates T-cell function in people with type 2 diabetes and low serum magnesium levels. *The Journal of clinical endocrinology and metabolism*.

Tretter C, et al. (2023) Proteogenomic analysis reveals RNA as a source for tumor-agnostic neoantigen identification. *Nature communications*, 14(1), 4632.

Jelcic I, et al. (2018) Memory B Cells Activate Brain-Homing, Autoreactive CD4<sup>+</sup> T Cells in Multiple Sclerosis. *Cell*, 175(1), 85.