

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

## TotalSeq(TM)-C0072 anti-human CD4

RRID:AB\_2800725

Type: Antibody

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### Proper Citation

BioLegend Cat# 300567, RRID:AB\_2800725

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2800725](http://antibodyregistry.org/AB_2800725)

**Proper Citation:** BioLegend Cat# 300567, RRID:AB\_2800725

**Target Antigen:** CD4

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: PG

**Antibody Name:** TotalSeq(TM)-C0072 anti-human CD4

**Description:** This monoclonal targets CD4

**Target Organism:** human

**Clone ID:** Clone RPA-T4

**Antibody ID:** AB\_2800725

**Vendor:** BioLegend

**Catalog Number:** 300567

**Record Creation Time:** 20250819T210449+0000

**Record Last Update:** 20250819T214645+0000

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### Ratings and Alerts

No rating or validation information has been found for TotalSeq(TM)-C0072 anti-human CD4.

No alerts have been found for TotalSeq(TM)-C0072 anti-human CD4.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Bracey NA, et al. (2026) Aging restricts maturation of CXCL13+ T follicular helper cells in human immunity. *Cell reports*, 45(6), 117423.

Rodriguez C, et al. (2026) A radiopharmaceutical enhances CAR T cells against radio-sensitive and radio-resistant neuroblastoma by tumor sensitization and TME remodeling. *Cell reports. Medicine*, 7(7), 102884.

Spangler A, et al. (2025) Early influenza virus exposure shapes the B cell response to influenza vaccination in individuals 50 years later. *Immunity*, 58(3), 728.

Buus TB, et al. (2025) Divergent Evolution of Malignant Subclones Maintains a Balance between Induced Aggressiveness and Intrinsic Drug Resistance in T-cell Cancer. *Cancer discovery*, 15(10), 2036.

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.

Sureshchandra S, et al. (2023) Multimodal profiling of term human decidua demonstrates immune adaptations with pregravid obesity. *Cell reports*, 42(7), 112769.

Mayer-Blackwell K, et al. (2023) mRNA vaccination boosts S-specific T cell memory and promotes expansion of CD45RA<sup>int</sup> TEMRA-like CD8<sup>+</sup> T cells in COVID-19 recovered individuals. *Cell reports. Medicine*, 4(8), 101149.

Ivanova EN, et al. (2023) mRNA COVID-19 vaccine elicits potent adaptive immune response without the acute inflammation of SARS-CoV-2 infection. *iScience*, 26(12), 108572.

Bukhari S, et al. (2023) Single-cell RNA sequencing reveals distinct T cell populations in immune-related adverse events of checkpoint inhibitors. *Cell reports. Medicine*, 4(1), 100868.

Gao Y, et al. (2022) Immunodeficiency syndromes differentially impact the functional profile of SARS-CoV-2-specific T cells elicited by mRNA vaccination. *Immunity*, 55(9), 1732.

Xu C, et al. (2022) Comprehensive multi-omics single-cell data integration reveals greater heterogeneity in the human immune system. *iScience*, 25(10), 105123.

Li SS, et al. (2022) HLA-B\*46:01 associates with rapid HIV disease progression in Asian cohorts and prominent differences in NK cell phenotype. *Cell host & microbe*, 30(8), 1173.

Collora JA, et al. (2022) Single-cell multiomics reveals persistence of HIV-1 in expanded cytotoxic T cell clones. *Immunity*, 55(6), 1013.

Shangguan S, et al. (2021) Monocyte-derived transcriptome signature indicates antibody-dependent cellular phagocytosis as a potential mechanism of vaccine-induced protection against HIV-1. *eLife*, 10.

Bachireddy P, et al. (2021) Mapping the evolution of T cell states during response and resistance to adoptive cellular therapy. *Cell reports*, 37(6), 109992.

Béziat V, et al. (2021) Humans with inherited T cell CD28 deficiency are susceptible to skin papillomaviruses but are otherwise healthy. *Cell*, 184(14), 3812.