

Resource Summary Report

Generated by ASWG on Aug 10, 2026

Pacific Blue(TM) anti-human CD4

RRID:AB_1595438

Type: Antibody

Proper Citation

BioLegend Cat# 317429, RRID:AB_1595438

Antibody Information

URL: http://antibodyregistry.org/AB_1595438

Proper Citation: BioLegend Cat# 317429, RRID:AB_1595438

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-human CD4

Description: This monoclonal targets CD4

Target Organism: cynomolgus, rhesus, human

Clone ID: Clone OKT4

Antibody ID: AB_1595438

Vendor: BioLegend

Catalog Number: 317429

Alternative Catalog Numbers: 317424, 317423

Record Creation Time: 20250819T223306+0000

Record Last Update: 20250820T023317+0000

Ratings and Alerts

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

No alerts have been found for Pacific Blue(TM) anti-human CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Wang J, et al. (2026) EBV infection and HLA-DR15 jointly drive multiple sclerosis by myelin peptide presentation. Cell.

Walsh MJ, et al. (2026) Cellular and molecular profiling of collagenous gastritis implicates pathogenic CD4+ T cells. iScience, 29(1), 114344.

Blass E, et al. (2025) A multi-adjuvant personal neoantigen vaccine generates potent immunity in melanoma. Cell.

Ren Z, et al. (2024) Transient hydroxycholesterol treatment restrains TCR signaling to promote long-term immunity. Cell chemical biology, 31(5), 920.

Afeyan AB, et al. (2024) Rapid parallel reconstruction and specificity screening of hundreds of T cell receptors. Nature protocols.

Ali LR, et al. (2023) PD-1 blockade induces reactivation of non-productive T cell responses characterized by NF- κ B signaling in patients with pancreatic cancer. Clinical cancer research : an official journal of the American Association for Cancer Research.

Hong J, et al. (2023) Non-overlapping epitopes on the gHgL-gp42 complex for the rational design of a triple-antibody cocktail against EBV infection. Cell reports. Medicine, 4(11), 101296.

Tobin RP, et al. (2023) Targeting MDSC Differentiation Using ATRA: A Phase I/II Clinical Trial Combining Pembrolizumab and All-Trans Retinoic Acid for Metastatic Melanoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 29(7), 1209.

Bibby JA, et al. (2022) Systematic single-cell pathway analysis to characterize early T_H1 cell activation. Cell reports, 41(8), 111697.

Fang F, et al. (2021) The cell-surface 5'-nucleotidase CD73 defines a functional T memory cell subset that declines with age. Cell reports, 37(6), 109981.

Wang J, et al. (2020) HLA-DR15 Molecules Jointly Shape an Autoreactive T Cell Repertoire in Multiple Sclerosis. Cell, 183(5), 1264.

Turaj AH, et al. (2017) Antibody Tumor Targeting Is Enhanced by CD27 Agonists through Myeloid Recruitment. *Cancer cell*, 32(6), 777.