

Resource Summary Report

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

PE/Cyanine7 anti-human CD4

RRID:AB_571959

Type: Antibody

Proper Citation

BioLegend Cat# 317414, RRID:AB_571959

Antibody Information

URL: http://antibodyregistry.org/AB_571959

Proper Citation: BioLegend Cat# 317414, RRID:AB_571959

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-human CD4

Description: This monoclonal targets CD4

Target Organism: cynomolgus, rhesus, human

Clone ID: Clone OKT4

Antibody ID: AB_571959

Vendor: BioLegend

Catalog Number: 317414

Alternative Catalog Numbers: 317413

Record Creation Time: 20250820T001257+0000

Record Last Update: 20250820T074045+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-human CD4.

No alerts have been found for PE/Cyanine7 anti-human CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Li YR, et al. (2026) Protocol to generate human stem cell-derived CD70-directed allogeneic CAR-NKT cells for treating renal cell carcinoma. STAR protocols, 7(1), 104340.

Li YR, et al. (2026) Spatiotemporal profiling reveals distinct dynamics and checkpoint regulations of CAR-T and CAR-NKT cells against solid tumors. Signal transduction and targeted therapy, 11(1).

Marceaux C, et al. (2026) TNF- α -mediated myeloid-instructed CD14⁺CD4⁺ T cells are associated with poor survival in lung adenocarcinoma. Cell reports. Medicine, 7(2), 102593.

Carp DM, et al. (2026) Single-cell assessment of iron content in primary human T cells using laser ablation inductively coupled plasma mass spectrometry. Cell reports methods, 6(4), 101343.

Lemaître F, et al. (2026) Unveiling the molecular architecture of T cells and immune synapses with cryo-expansion microscopy. Cell reports, 45(4), 117165.

Gu J, et al. (2025) Tumor-produced ammonia is metabolized by regulatory T cells to further impede anti-tumor immunity. Cell.

Jia H, et al. (2025) A CCL5⁺CD20⁺CD8⁺ T cell subset drives pathogenic transformation of synoviocytes in rheumatoid arthritis via JAK-STAT signaling. Cell & bioscience, 16(1), 2.

Neuwirth T, et al. (2025) The polyamine-regulating enzyme SSAT1 impairs tissue regulatory T cell function in chronic cutaneous inflammation. Immunity, 58(3), 632.

Fang Y, et al. (2025) Protocol to generate allojection-resistant universal CAR-NKT cells and evaluate their efficacy, mechanism of action, safety, and immunogenicity. STAR protocols, 6(2), 103810.

Wagoner ZW, et al. (2025) Systems immunology analysis of human immune organoids identifies host-specific correlates of protection to different influenza vaccines. Cell stem cell, 32(4), 529.

Li YR, et al. (2025) Generating allogeneic CAR-NKT cells for off-the-shelf cancer immunotherapy with genetically engineered HSP cells and feeder-free differentiation culture. *Nature protocols*, 20(5), 1352.

Li YR, et al. (2025) Multimodal targeting of metastatic renal cell carcinoma via CD70-directed allogeneic CAR-NKT cells. *Cell reports. Medicine*, 6(9), 102321.

Li B, et al. (2025) Serotonin transporter inhibits antitumor immunity through regulating the intratumoral serotonin axis. *Cell*, 188(14), 3823.

Li YR, et al. (2025) Overcoming ovarian cancer resistance and evasion to CAR-T cell therapy by harnessing allogeneic CAR-NKT cells. *Med (New York, N.Y.)*, 100804.

Li YR, et al. (2025) Protocol to profile tumor and microenvironment from ovarian cancer patient samples and evaluate cell-based therapy using in vitro killing assays. *STAR protocols*, 6(2), 103742.

Lyu Z, et al. (2025) Protocol for assessing pharmacokinetics and pharmacodynamics of human CAR-NKT cells in humanized mouse models using bioluminescence imaging. *STAR protocols*, 6(3), 103957.

Gaspar M, et al. (2025) An affinity-modulated T cell engager targeting Claudin 18.2 shows potent anti-tumor activity with limited cytokine release. *Journal for immunotherapy of cancer*, 13(8).

de Kivit S, et al. (2024) Immune suppression by human thymus-derived effector Tregs relies on glucose/lactate-fueled fatty acid synthesis. *Cell reports*, 43(9), 114681.

Poort VM, et al. (2024) Transient Differentiation-State Plasticity Occurs during Acute Lymphoblastic Leukemia Initiation. *Cancer research*, 84(16), 2720.

Davis-Porada J, et al. (2024) Maintenance and functional regulation of immune memory to COVID-19 vaccines in tissues. *Immunity*, 57(12), 2895.