

Resource Summary Report

Generated by ASWG on Aug 10, 2026

CD 4, T-cell surface glycoprotein

RRID:AB_2335982

Type: Antibody

Proper Citation

Ventana Medical Systems Cat# 790-4423, RRID:AB_2335982

Antibody Information

URL: http://antibodyregistry.org/AB_2335982

Proper Citation: Ventana Medical Systems Cat# 790-4423, RRID:AB_2335982

Target Antigen: CD4

Host Organism: rabbit

Clonality: monoclonal

Comments: Used By NYUIHC-869

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: CD 4, T-cell surface glycoprotein

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: SP35

Antibody ID: AB_2335982

Vendor: Ventana Medical Systems

Catalog Number: 790-4423

Alternative Catalog Numbers: 05552737001

Record Creation Time: 20250819T212739+0000

Record Last Update: 20250819T230147+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for CD 4, T-cell surface glycoprotein.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

An J, et al. (2026) Spatially defined microenvironmental niches are associated with clinical outcome and tumor ecosystem diversity in head and neck cancer. Med (New York, N.Y.), 101214.

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

Meyer M, et al. (2026) Metabolic stress sensing by epithelial RXR? links westernization of diet with Crohn's disease. Cell metabolism, 38(3), 512.

Kunika MD, et al. (2025) m276-SL-PBD eradicates tumors and instigates long-lasting tumor-free survival in Merkel cell carcinoma preclinical models. iScience, 28(5), 112436.

Osorio JC, et al. (2025) Fc-optimized CD40 agonistic antibody elicits tertiary lymphoid structure formation and systemic antitumor immunity in metastatic cancer. Cancer cell.

Urai S, et al. (2025) Challenges in diagnosing paraneoplastic isolated adrenocorticotrophic hormone deficiency: Insights from cancer histology and human leukocyte antigen analysis. Journal of neuroendocrinology, e70074.

Urai S, et al. (2024) The early-stage clinical course of anti-pituitary-specific transcription factor-1 hypophysitis diagnosed post-immune checkpoint inhibitor treatment: A case with review of literature. Journal of neuroendocrinology, 36(6), e13395.

Ulutekin C, et al. (2024) B cell depletion attenuates CD27 signaling of T helper cells in multiple sclerosis. Cell reports. Medicine, 5(1), 101351.

Donati B, et al. (2024) Spatial Distribution of Immune Cells Drives Resistance to Neoadjuvant Chemotherapy in Triple-Negative Breast Cancer. *Cancer immunology research*, 12(1), 120.

De Sanctis F, et al. (2024) Expression of the membrane tetraspanin claudin 18 on cancer cells promotes T lymphocyte infiltration and antitumor immunity in pancreatic cancer. *Immunity*, 57(6), 1378.

Zhang C, et al. (2024) Neoadjuvant sintilimab plus chemotherapy in EGFR-mutant NSCLC: Phase 2 trial interim results (NEOTIDE/CTONG2104). *Cell reports. Medicine*, 5(7), 101615.

Kanzawa M, et al. (2024) Effects of the Cortisol Milieu on Tumor-Infiltrating Immune Cells in Corticotroph Tumors. *Endocrinology*, 165(4).

Wang Q, et al. (2024) The CARD8 inflammasome dictates HIV/SIV pathogenesis and disease progression. *Cell*, 187(5), 1223.

Akiyama Y, et al. (2023) Th1/17 polarization and potential treatment by an anti-interferon- γ DNA aptamer in Hunner-type interstitial cystitis. *iScience*, 26(11), 108262.

Tabata M, et al. (2023) Inter- and intra-tumor heterogeneity of genetic and immune profiles in inherited renal cell carcinoma. *Cell reports*, 42(7), 112736.

van Hijfte L, et al. (2023) Alternative normalization and analysis pipeline to address systematic bias in NanoString GeoMx Digital Spatial Profiling data. *iScience*, 26(1), 105760.

Park JA, et al. (2023) Targeting tumor vasculature to improve antitumor activity of T cells armed ex vivo with T cell engaging bispecific antibody. *Journal for immunotherapy of cancer*, 11(3).

Urai S, et al. (2023) Paraneoplastic isolated adrenocorticotrophic hormone deficiency revealed after immune checkpoint inhibitors therapy: new insights into anti-corticotroph antibody. *Frontiers in immunology*, 14, 1284301.

Wahle BM, et al. (2022) Integrative genomic analysis reveals low T-cell infiltration as the primary feature of tobacco use in HPV-positive oropharyngeal cancer. *iScience*, 25(5), 104216.

Wanjalla CN, et al. (2021) Single-cell analysis shows that adipose tissue of persons with both HIV and diabetes is enriched for clonal, cytotoxic, and CMV-specific CD4⁺ T cells. *Cell reports. Medicine*, 2(2), 100205.