

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

Purified anti-human CD45RA

RRID:AB_314406

Type: Antibody

Proper Citation

BioLegend Cat# 304102, RRID:AB_314406

Antibody Information

URL: http://antibodyregistry.org/AB_314406

Proper Citation: BioLegend Cat# 304102, RRID:AB_314406

Target Antigen: CD45RA

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC, CyTOF®, ICC, IHC-P, IHC-F, SB

Antibody Name: Purified anti-human CD45RA

Description: This monoclonal targets CD45RA

Target Organism: human

Clone ID: Clone HI100

Antibody ID: AB_314406

Vendor: BioLegend

Catalog Number: 304102

Record Creation Time: 20250819T212842+0000

Record Last Update: 20250819T230512+0000

Ratings and Alerts

- Used for cytometry time of flight assay by the Human Islet Research Network community. Contact(s): [Clive Wasserfall](#), [Irina Kusmartseva](#), [Harry Nick](#), [Fabrizio Thorel](#), [Pedro Herrera](#), [Mark Atkinson](#), [Bernd Bodenmiller](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Purified anti-human CD45RA.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Babdor J, et al. (2026) Immune-microbiome coordination defines interferon setpoints in healthy humans. *Cell*, 189(10), 3144.

Xu J, et al. (2025) Minimally invasive diagnosis of precancerous cervical lesions using single-cell peripheral immune atlas. *Cell reports. Medicine*, 6(6), 102149.

Tang M, et al. (2025) Single cell immune profiling in ankylosing spondylitis reveals resistance of CD8+ T cells to immune exhaustion. *iScience*, 28(7), 112715.

Bost P, et al. (2025) Statistical modeling and analysis of cell counts from multiplexed imaging data. *Cell systems*, 16(6), 101296.

Pitino E, et al. (2025) STAMP: Single-cell transcriptomics analysis and multimodal profiling through imaging. *Cell*, 188(18), 5100.

Eling N, et al. (2025) Multi-modal image analysis for large-scale cancer tissue studies within IMMUcan. *Cell reports methods*, 5(9), 101170.

Stankiewicz LN, et al. (2025) Sex-biased human thymic architecture guides T cell development through spatially defined niches. *Developmental cell*, 60(1), 152.

Glass DR, et al. (2024) Multi-omic profiling reveals the endogenous and neoplastic responses to immunotherapies in cutaneous T cell lymphoma. *Cell reports. Medicine*, 5(5), 101527.

Bandyopadhyay S, et al. (2024) Mapping the cellular biogeography of human bone marrow niches using single-cell transcriptomics and proteomic imaging. *Cell*, 187(12), 3120.

Rachubinski AL, et al. (2024) JAK inhibition decreases the autoimmune burden in Down syndrome. *eLife*, 13.

Kong XX, et al. (2024) Circulation immune cell landscape in canonical pathogenesis of colorectal adenocarcinoma by CyTOF analysis. *iScience*, 27(3), 109229.

Cords L, et al. (2024) Cancer-associated fibroblast phenotypes are associated with patient outcome in non-small cell lung cancer. *Cancer cell*, 42(3), 396.

Ryu H, et al. (2024) Merkel cell polyomavirus-specific and CD39+CLA+ CD8 T cells as blood-based predictive biomarkers for PD-1 blockade in Merkel cell carcinoma. *Cell reports. Medicine*, 5(2), 101390.

van Eijs MJM, et al. (2023) Highly multiplexed spatial analysis identifies tissue-resident memory T cells as drivers of ulcerative and immune checkpoint inhibitor colitis. *iScience*, 26(10), 107891.

Weed DT, et al. (2023) The Tumor Immune Microenvironment Architecture Correlates with Risk of Recurrence in Head and Neck Squamous Cell Carcinoma. *Cancer research*, 83(23), 3886.

Zhu Y, et al. (2023) Opioid-induced fragile-like regulatory T cells contribute to withdrawal. *Cell*, 186(3), 591.

Rosain J, et al. (2023) Human IRF1 governs macrophagic IFN- γ immunity to mycobacteria. *Cell*, 186(3), 621.

Yu S, et al. (2023) Systemic immune profiling of Omicron-infected subjects inoculated with different doses of inactivated virus vaccine. *Cell*, 186(21), 4615.

Schmidt F, et al. (2023) In-depth analysis of human virus-specific CD8⁺ T cells delineates unique phenotypic signatures for T cell specificity prediction. *Cell reports*, 42(10), 113250.

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