

Resource Summary Report

Generated by ASWG on Aug 10, 2026

Brilliant Violet 605(TM) anti-human CD45RA

RRID:AB_2563814

Type: Antibody

Proper Citation

BioLegend Cat# 304134, RRID:AB_2563814

Antibody Information

URL: http://antibodyregistry.org/AB_2563814

Proper Citation: BioLegend Cat# 304134, RRID:AB_2563814

Target Antigen: CD45RA

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 605(TM) anti-human CD45RA

Description: This monoclonal targets CD45RA

Target Organism: human

Clone ID: Clone HI100

Antibody ID: AB_2563814

Vendor: BioLegend

Catalog Number: 304134

Alternative Catalog Numbers: 304133

Record Creation Time: 20250820T065333+0000

Record Last Update: 20250821T010857+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): [Howie Seay](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Brilliant Violet 605(TM) anti-human CD45RA.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Jagannathan NS, et al. (2026) Dynamic estimation of metabolic state during CAR T cell production. Cell reports methods, 6(2), 101303.

Li J, et al. (2026) Multimodal clocks of human aging. Cell, 189(14), 4489.

Dodd KC, et al. (2026) Lymphocyte alterations and elevated complement signaling are key features of refractory myasthenia gravis. Med (New York, N.Y.), 7(3), 100987.

Lam N, et al. (2025) Asynchronous aging and turnover of human circulating and tissue-resident memory T cells across sites. Immunity, 58(9), 2271.

He S, et al. (2025) Systemic immune activity occurs during human immune system maturation. Cell, 188(25), 7291.

Forconi CS, et al. (2025) T-follicular helper cell profiles differ by malaria antigen and for children compared to adults. eLife, 13.

Vasandan AB, et al. (2025) Innate-like memory T cells rapidly emerge in humans after gene therapy for SCID-X1. Immunity, 58(8), 1922.

Forconi CS, et al. (2025) T follicular helper cell profiles differ by malaria antigen and for children compared to adults. bioRxiv : the preprint server for biology.

Laheurte C, et al. (2025) UCPVax, a CD4 helper peptide vaccine, induces polyfunctional Th1 cells, antibody response, and epitope spreading to improve antitumor immunity. Cell reports. Medicine, 6(7), 102196.

Ediriwickrema A, et al. (2025) A single-cell framework identifies functionally and molecularly distinct multipotent progenitors in adult human hematopoiesis. Cell reports, 44(9), 116236.

Anderson TM, et al. (2024) FDG PET/CT Imaging 1 Week after a Single Dose of Pembrolizumab Predicts Treatment Response in Patients with Advanced Melanoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 30(9), 1758.

Nesamari R, et al. (2024) Post-pandemic memory T cell response to SARS-CoV-2 is durable, broadly targeted, and cross-reactive to the hypermutated BA.2.86 variant. *Cell host & microbe*, 32(2), 162.

Ichiyama K, et al. (2024) Transcription factor Ikzf1 associates with Foxp3 to repress gene expression in Treg cells and limit autoimmunity and anti-tumor immunity. *Immunity*, 57(9), 2043.

Jenkins BJ, et al. (2023) Canagliflozin impairs T cell effector function via metabolic suppression in autoimmunity. *Cell metabolism*, 35(7), 1132.

Kirosingh AS, et al. (2023) Malaria-specific Type 1 regulatory T cells are more abundant in first pregnancies and associated with placental malaria. *EBioMedicine*, 95, 104772.

Giles JR, et al. (2022) Human epigenetic and transcriptional T cell differentiation atlas for identifying functional T cell-specific enhancers. *Immunity*, 55(3), 557.

van der Ploeg K, et al. (2022) TNF- γ + CD4+ T cells dominate the SARS-CoV-2 specific T cell response in COVID-19 outpatients and are associated with durable antibodies. *Cell reports*. *Medicine*, 3(6), 100640.

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.

Mogilenko DA, et al. (2021) Comprehensive Profiling of an Aging Immune System Reveals Clonal GZMK+ CD8+ T Cells as Conserved Hallmark of Inflammaging. *Immunity*, 54(1), 99.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. *Immunity*, 54(4), 702.