

Resource Summary Report

Generated by NIF on Jul 29, 2026

Brilliant Violet 421(TM) anti-human CD45

RRID:AB_10900423

Type: Antibody

Proper Citation

BioLegend Cat# 304031, RRID:AB_10900423

Antibody Information

URL: http://antibodyregistry.org/AB_10900423

Proper Citation: BioLegend Cat# 304031, RRID:AB_10900423

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 421(TM) anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_10900423

Vendor: BioLegend

Catalog Number: 304031

Alternative Catalog Numbers: 304032

Record Creation Time: 20250820T050123+0000

Record Last Update: 20250820T203458+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-human CD45.

No alerts have been found for Brilliant Violet 421(TM) anti-human CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Castelli S, et al. (2026) IL-9 signaling redirects CAR T cell fate toward CD8+ memory and CD4+ cycling states, enhancing antitumor efficacy. *Immunity*, 59(1), 195.

Yu S, et al. (2026) A CLOCK-targeting lncRNA induces trained immunity against tuberculosis. *Cell host & microbe*, 34(1), 68.

Bejarano L, et al. (2025) Single-cell atlas of endothelial and mural cells across primary and metastatic brain tumors. *Immunity*, 58(4), 1015.

Jaeger-Ruckstuhl CA, et al. (2024) Signaling via a CD27-TRAF2-SHP-1 axis during naive T??cell activation promotes memory-associated gene regulatory networks. *Immunity*, 57(2), 287.

Bejarano L, et al. (2024) Interrogation of endothelial and mural cells in brain metastasis reveals key immune-regulatory mechanisms. *Cancer cell*, 42(3), 378.

Otte F, et al. (2023) Revealing viral and cellular dynamics of HIV-1 at the single-cell level during early treatment periods. *Cell reports methods*, 3(6), 100485.

Maughan EF, et al. (2022) Cell-intrinsic differences between human airway epithelial cells from children and adults. *iScience*, 25(11), 105409.