

Resource Summary Report

Generated by [kravitz2](#) on Sep 5, 2026

Brilliant Violet 510(TM) anti-human CD14

RRID:AB_2561946

Type: Antibody

Proper Citation

BioLegend Cat# 301842, RRID:AB_2561946

Antibody Information

URL: http://antibodyregistry.org/AB_2561946

Proper Citation: BioLegend Cat# 301842, RRID:AB_2561946

Target Antigen: CD14

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 510(TM) anti-human CD14

Description: This monoclonal targets CD14

Target Organism: cynomolgus, rhesus, human

Clone ID: Clone M5E2

Antibody ID: AB_2561946

Vendor: BioLegend

Catalog Number: 301842

Alternative Catalog Numbers: 301841

Record Creation Time: 20231110T035226+0000

Record Last Update: 20260829T221227+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 510(TM) anti-human CD14.

No alerts have been found for Brilliant Violet 510(TM) anti-human CD14.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 51 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Gattinoni L, et al. (2026) Distinct in vivo dynamics of donor-derived stem cell memory CAR T cells post-allogeneic HSCT relapse. *Cell*, 189(12), 3686.

Vaz F, et al. (2026) Distinct systemic and gut IgA responses to bacteria of the human upper gastrointestinal tract. *Cell reports*, 45(8), 117721.

Mantus GE, et al. (2025) Distinct binding modes drive the broad neutralization profile of two persistent influenza hemagglutinin stem-specific antibody lineages. *Structure (London, England : 1993)*, 33(5), 869.

Joyce MG, et al. (2025) Structural basis for complement receptor engagement and virus neutralization through Epstein-Barr virus gp350. *Immunity*, 58(2), 295.

Dacon C, et al. (2025) Protective antibodies target cryptic epitope unmasked by cleavage of malaria sporozoite protein. *Science (New York, N.Y.)*, 387(6729), eadr0510.

Spangler A, et al. (2025) Early influenza virus exposure shapes the B cell response to influenza vaccination in individuals 50 years later. *Immunity*, 58(3), 728.

Sutton HJ, et al. (2025) Simultaneous induction of multiple classes of broadly neutralizing antibody precursors by combination germline-targeting immunization in nonhuman primates. *Science immunology*, 10(112), eadu8878.

Lederhofer J, et al. (2024) Protective human monoclonal antibodies target conserved sites of vulnerability on the underside of influenza virus neuraminidase. *Immunity*, 57(3), 574.

Müller TR, et al. (2024) Memory T cells effectively recognize the SARS-CoV-2 hypermutated BA.2.86 variant. *Cell host & microbe*, 32(2), 156.

MacDonald L, et al. (2024) Synovial tissue myeloid dendritic cell subsets exhibit distinct tissue-niche localization and function in health and rheumatoid arthritis. *Immunity*, 57(12), 2843.

Wang LT, et al. (2024) Natural malaria infection elicits rare but potent neutralizing antibodies to the blood-stage antigen RH5. *Cell*, 187(18), 4981.

Reid KT, et al. (2024) Cell therapy with human IL-10-producing ILC2s limits xenogeneic graft-versus-host disease by inhibiting pathogenic T cell responses. *Cell reports*, 44(1), 115102.

Takata H, et al. (2023) An active HIV reservoir during ART is associated with maintenance of HIV-specific CD8+ T cell magnitude and short-lived differentiation status. *Cell host & microbe*, 31(9), 1494.

Adamo S, et al. (2023) Memory profiles distinguish cross-reactive and virus-specific T cell immunity to mpox. *Cell host & microbe*, 31(6), 928.

Touizer E, et al. (2023) Attenuated humoral responses in HIV after SARS-CoV-2 vaccination linked to B cell defects and altered immune profiles. *iScience*, 26(1), 105862.

Ahmed A, et al. (2023) BCG revaccination in adults enhances pro-inflammatory markers of trained immunity along with anti-inflammatory pathways. *iScience*, 26(10), 107889.

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.

Silk SE, et al. (2023) Superior antibody immunogenicity of a viral-vectored RH5 blood-stage malaria vaccine in Tanzanian infants as compared to adults. *Med (New York, N.Y.)*, 4(10), 668.

Tan ZC, et al. (2023) Mixed IgG Fc immune complexes exhibit blended binding profiles and refine FcR affinity estimates. *Cell reports*, 42(7), 112734.

Ols S, et al. (2023) Multivalent antigen display on nanoparticle immunogens increases B cell clonotype diversity and neutralization breadth to pneumoviruses. *Immunity*, 56(10), 2425.