

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

Brilliant Violet 421(TM) anti-human CD14

RRID:AB_10959324

Type: Antibody

Proper Citation

BioLegend Cat# 301830, RRID:AB_10959324

Antibody Information

URL: http://antibodyregistry.org/AB_10959324

Proper Citation: BioLegend Cat# 301830, RRID:AB_10959324

Target Antigen: CD14

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 421(TM) anti-human CD14

Description: This monoclonal targets CD14

Target Organism: cynomolgus, rhesus, human

Clone ID: Clone M5E2

Antibody ID: AB_10959324

Vendor: BioLegend

Catalog Number: 301830

Alternative Catalog Numbers: 301829

Record Creation Time: 20231110T062852+0000

Record Last Update: 20260829T172418+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-human CD14.

No alerts have been found for Brilliant Violet 421(TM) anti-human CD14.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Takeda S, et al. (2026) A MERTK-Targeting Antibody-Drug Conjugate Selectively Depletes M2 Tumor-Associated Macrophages and MERTK-Expressing Cancer Cells. Cancer research, 86(8), 2024.

Gorman J, et al. (2025) Isolation and structure of broad SIV-neutralizing antibodies reveal a proximal helical MPER epitope recognized by a rhesus multi-donor class. Cell reports, 44(1), 115163.

Kang N, et al. (2025) T cell monocyte complexes exhibit distinct immune signatures during infection. iScience, 28(9), 113432.

Li Q, et al. (2025) Targeting proBDNF in neutrophil subsets: Sepsis biomarker discovery and insights into mitochondrial hyperactivation. iScience, 28(11), 113642.

Tenggara MK, et al. (2024) Frequency-potency analysis of IgG+ memory B cells delineates neutralizing antibody responses at single-cell resolution. Cell reports, 43(3), 113948.

Guo HZ, et al. (2024) A CD36-dependent non-canonical lipid metabolism program promotes immune escape and resistance to hypomethylating agent therapy in AML. Cell reports. Medicine, 5(6), 101592.

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.

Baharlou H, et al. (2022) An in situ analysis pipeline for initial host-pathogen interactions reveals signatures of human colorectal HIV transmission. Cell reports, 40(12), 111385.

Maheshwari D, et al. (2022) Contrasting behavior between the three human monocyte subsets in dengue pathophysiology. iScience, 25(6), 104384.

Sugrue JA, et al. (2022) Enhanced TLR3 responsiveness in hepatitis C virus resistant women from the Irish anti-D cohort. Cell reports. Medicine, 3(11), 100804.

Vierboom MPM, et al. (2021) Stronger induction of trained immunity by mucosal BCG or MTBVAC vaccination compared to standard intradermal vaccination. *Cell reports. Medicine*, 2(1), 100185.

Evren E, et al. (2021) Distinct developmental pathways from blood monocytes generate human lung macrophage diversity. *Immunity*, 54(2), 259.

Teijeira Á, et al. (2020) CXCR1 and CXCR2 Chemokine Receptor Agonists Produced by Tumors Induce Neutrophil Extracellular Traps that Interfere with Immune Cytotoxicity. *Immunity*, 52(5), 856.

Tomellini E, et al. (2019) Integrin- α 3 Is a Functional Marker of Ex Vivo Expanded Human Long-Term Hematopoietic Stem Cells. *Cell reports*, 28(4), 1063.