

Resource Summary Report

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Brilliant Violet 421(TM) anti-mouse/human CD45R/B220

RRID:AB_2562905

Type: Antibody

Proper Citation

(BioLegend Cat# 103251, RRID:AB_2562905)

Antibody Information

URL: http://antibodyregistry.org/AB_2562905

Proper Citation: (BioLegend Cat# 103251, RRID:AB_2562905)

Target Antigen: CD45R

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, IHC-F

Antibody Name: Brilliant Violet 421(TM) anti-mouse/human CD45R/B220

Description: This monoclonal targets CD45R

Target Organism: mouse, human

Clone ID: Clone RA3-6B2

Antibody ID: AB_2562905

Vendor: BioLegend

Catalog Number: 103251

Alternative Catalog Numbers: 103240, 103239

Record Creation Time: 20231110T035219+0000

Record Last Update: 20240725T040025+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse/human CD45R/B220.

No alerts have been found for Brilliant Violet 421(TM) anti-mouse/human CD45R/B220.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Holmes AC, et al. (2024) Ly6C+ monocytes in the skin promote systemic alphavirus dissemination. Cell reports, 43(3), 113876.

Sato K, et al. (2024) Sufficient water intake maintains the gut microbiota and immune homeostasis and promotes pathogen elimination. iScience, 27(6), 109903.

Kögl T, et al. (2024) Patients and mice with deficiency in the SNARE protein SYNTAXIN-11 have a secondary B cell defect. The Journal of experimental medicine, 221(7).

Ugur M, et al. (2023) Lymph node medulla regulates the spatiotemporal unfolding of resident dendritic cell networks. Immunity, 56(8), 1778.

Liang W, et al. (2023) Airway dysbiosis accelerates lung function decline in chronic obstructive pulmonary disease. Cell host & microbe, 31(6), 1054.

Gao X, et al. (2023) Targeting protein tyrosine phosphatases for CDK6-induced immunotherapy resistance. Cell reports, 42(4), 112314.

Lee JH, et al. (2022) Highly mutated antibodies capable of neutralizing N276 glycan-deficient HIV after a single immunization with an Env trimer. Cell reports, 38(10), 110485.

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.

Argüello RJ, et al. (2020) SCENITH: A Flow Cytometry-Based Method to Functionally Profile

Energy Metabolism with Single-Cell Resolution. *Cell metabolism*, 32(6), 1063.

Xu G, et al. (2020) Bisphosphoglycerate Mutase Deficiency Protects against Cerebral Malaria and Severe Malaria-Induced Anemia. *Cell reports*, 32(12), 108170.

Baptista AP, et al. (2019) The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4+ T Cell Peripheralization to Promote Effective Adaptive Immunity. *Immunity*, 50(5), 1188.