

Resource Summary Report

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Brilliant Violet 510(TM) anti-mouse CD45.1

RRID:AB_2563378

Type: Antibody

Proper Citation

(BioLegend Cat# 110741, RRID:AB_2563378)

Antibody Information

URL: http://antibodyregistry.org/AB_2563378

Proper Citation: (BioLegend Cat# 110741, RRID:AB_2563378)

Target Antigen: CD45.1

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 510(TM) anti-mouse CD45.1

Description: This monoclonal targets CD45.1

Target Organism: mouse

Clone ID: Clone A20

Antibody ID: AB_2563378

Vendor: BioLegend

Catalog Number: 110741

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 510(TM) anti-mouse CD45.1.

No alerts have been found for Brilliant Violet 510(TM) anti-mouse CD45.1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Sutton HJ, et al. (2024) Lack of affinity signature for germinal center cells that have initiated plasma cell differentiation. *Immunity*, 57(2), 245.

Johansson K, et al. (2023) An essential role for miR-15/16 in Treg suppression and restriction of proliferation. *Cell reports*, 42(10), 113298.

Abe S, et al. (2023) Hematopoietic cell-derived IL-15 supports NK cell development in scattered and clustered localization within the bone marrow. *Cell reports*, 42(9), 113127.

Huang TY, et al. (2023) Phosphoenolpyruvate regulates the Th17 transcriptional program and inhibits autoimmunity. *Cell reports*, 42(3), 112205.

Lin YH, et al. (2023) Small intestine and colon tissue-resident memory CD8+ T cells exhibit molecular heterogeneity and differential dependence on Eomes. *Immunity*, 56(1), 207.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. *Cell*, 186(3), 607.

Cao L, et al. (2022) METTL14-dependent m6A modification controls iNKT cell development and function. *Cell reports*, 40(5), 111156.

Koide S, et al. (2022) CD244 expression represents functional decline of murine hematopoietic stem cells after in vitro culture. *iScience*, 25(1), 103603.

Lança T, et al. (2022) IRF8 deficiency induces the transcriptional, functional, and epigenetic reprogramming of cDC1 into the cDC2 lineage. *Immunity*, 55(8), 1431.

Song W, et al. (2022) Development of Tbet- and CD11c-expressing B cells in a viral infection requires T follicular helper cells outside of germinal centers. *Immunity*, 55(2), 290.

Di Pilato M, et al. (2021) CXCR6 positions cytotoxic T cells to receive critical survival signals in the tumor microenvironment. *Cell*, 184(17), 4512.

Cardoso A, et al. (2021) Interleukin-10 induces interferon- γ -dependent emergency myelopoiesis. *Cell reports*, 37(4), 109887.

Chlon TM, et al. (2021) Germline DDX41 mutations cause ineffective hematopoiesis and myelodysplasia. *Cell stem cell*, 28(11), 1966.

McNamara HA, et al. (2020) Antibody Feedback Limits the Expansion of B Cell Responses to Malaria Vaccination but Drives Diversification of the Humoral Response. *Cell host & microbe*, 28(4), 572.

Kato Y, et al. (2020) Multifaceted Effects of Antigen Valency on B Cell Response Composition and Differentiation In Vivo. *Immunity*, 53(3), 548.

Milner JJ, et al. (2020) Heterogenous Populations of Tissue-Resident CD8+ T Cells Are Generated in Response to Infection and Malignancy. *Immunity*, 52(5), 808.

Alterauge D, et al. (2020) Continued Bcl6 Expression Prevents the Transdifferentiation of Established Tfh Cells into Th1 Cells during Acute Viral Infection. *Cell reports*, 33(1), 108232.

Hong JP, et al. (2020) An Agonistic Anti-CD137 Antibody Disrupts Lymphoid Follicle Structure and T-Cell-Dependent Antibody Responses. *Cell reports. Medicine*, 1(3).

Linehan JL, et al. (2018) Non-classical Immunity Controls Microbiota Impact on Skin Immunity and Tissue Repair. *Cell*, 172(4), 784.

Knolle MD, et al. (2018) MicroRNA-155 Protects Group 2 Innate Lymphoid Cells From Apoptosis to Promote Type-2 Immunity. *Frontiers in immunology*, 9, 2232.