

Resource Summary Report

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Brilliant Violet 510(TM) anti-mouse/human CD11b

RRID:AB_2629529

Type: Antibody

Proper Citation

(BioLegend Cat# 101263, RRID:AB_2629529)

Antibody Information

URL: http://antibodyregistry.org/AB_2629529

Proper Citation: (BioLegend Cat# 101263, RRID:AB_2629529)

Target Antigen: CD11b

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, ICC

Antibody Name: Brilliant Violet 510(TM) anti-mouse/human CD11b

Description: This monoclonal targets CD11b

Target Organism: cynomolgus, mouse, rhesus, human

Clone ID: Clone M1/70

Antibody ID: AB_2629529

Vendor: BioLegend

Catalog Number: 101263

Alternative Catalog Numbers: 101245

Record Creation Time: 20231110T034746+0000

Record Last Update: 20240725T053214+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 510(TM) anti-mouse/human CD11b.

No alerts have been found for Brilliant Violet 510(TM) anti-mouse/human CD11b.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Hou Y, et al. (2024) Downregulation of nutrition sensor GCN2 in macrophages contributes to poor wound healing in diabetes. Cell reports, 43(1), 113658.

Zhong J, et al. (2024) Distinct roles of TREM2 in central nervous system cancers and peripheral cancers. Cancer cell, 42(6), 968.

Lan Y, et al. (2024) Fate mapping of Spp1 expression reveals age-dependent plasticity of disease-associated microglia-like cells after brain injury. Immunity, 57(2), 349.

Dai D, et al. (2024) Chemoradiotherapy-induced ACKR2+ tumor cells drive CD8+ T cell senescence and cervical cancer recurrence. Cell reports. Medicine, 5(5), 101550.

Zou M, et al. (2024) Early-life vitamin A treatment rescues neonatal infection-induced durably impaired tolerogenic properties of celiac lymph nodes. Cell reports, 43(5), 114153.

Oshima T, et al. (2024) Early amyloid-induced changes in microglia gene expression in male APP/PS1 mice. Journal of neuroscience research, 102(3), e25295.

Ashayeripanah M, et al. (2024) Systemic inflammatory response syndrome triggered by blood-borne pathogens induces prolonged dendritic cell paralysis and immunosuppression. Cell reports, 43(2), 113754.

De Sanctis F, et al. (2024) Expression of the membrane tetraspanin claudin 18 on cancer cells promotes T lymphocyte infiltration and antitumor immunity in pancreatic cancer. Immunity, 57(6), 1378.

Borrelli C, et al. (2024) Stress-free single-cell transcriptomic profiling and functional genomics of murine eosinophils. Nature protocols.

Zou X, et al. (2024) Hypoxia-inducible factor 2 α promotes pathogenic polarization of stem-

like Th2 cells via modulation of phospholipid metabolism. *Immunity*, 57(12), 2808.

Kasahara T, et al. (2024) Receptor activity-modifying proteins of adrenomedullin (RAMP2/3): Roles in the pathogenesis of ARDS. *Peptides*, 171, 171118.

Suhail H, et al. (2023) An early glycolysis burst in microglia regulates mitochondrial dysfunction in oligodendrocytes under neuroinflammation. *iScience*, 26(10), 107921.

Zhao Y, et al. (2023) mTORC2 orchestrates monocytic and granulocytic lineage commitment by an ATF5-mediated pathway. *iScience*, 26(9), 107540.

Chen L, et al. (2023) Synergy of 5-aminolevulinate supplement and CX3CR1 suppression promotes liver regeneration via elevated IGF-1 signaling. *Cell reports*, 42(8), 112984.

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.

Guilbaud E, et al. (2023) Cholesterol efflux pathways hinder KRAS-driven lung tumor progenitor cell expansion. *Cell stem cell*, 30(6), 800.

Krollmann C, et al. (2022) Quantification of unperturbed phosphoprotein levels in immune cell subsets with phosphoflow to assess immune signaling in autoimmune disease. *STAR protocols*, 3(2), 101309.

Hua Y, et al. (2022) Cancer immunotherapies transition endothelial cells into HEVs that generate TCF1⁺ T lymphocyte niches through a feed-forward loop. *Cancer cell*, 40(12), 1600.

Melcher C, et al. (2022) B cell-mediated regulatory mechanisms control tumor-promoting intestinal inflammation. *Cell reports*, 40(2), 111051.

Bettke JA, et al. (2022) Inflammatory Monocytes Promote Granuloma-Mediated Control of Persistent Salmonella Infection. *Infection and immunity*, 90(4), e0007022.