

# Resource Summary Report

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## Brilliant Violet 421(TM) anti-mouse F4/80

RRID:AB\_11203717

Type: Antibody

### Proper Citation

(BioLegend Cat# 123132, RRID:AB\_11203717)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_11203717](http://antibodyregistry.org/AB_11203717)

**Proper Citation:** (BioLegend Cat# 123132, RRID:AB\_11203717)

**Target Antigen:** F4/80

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC, IHC-F, SB

**Antibody Name:** Brilliant Violet 421(TM) anti-mouse F4/80

**Description:** This monoclonal targets F4/80

**Target Organism:** mouse

**Clone ID:** Clone BM8

**Antibody ID:** AB\_11203717

**Vendor:** BioLegend

**Catalog Number:** 123132

**Alternative Catalog Numbers:** 123131, 123137

**Record Creation Time:** 20231110T055902+0000

**Record Last Update:** 20241115T104400+0000

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## Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse F4/80.

No alerts have been found for Brilliant Violet 421(TM) anti-mouse F4/80.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Ysasi AB, et al. (2024) A specialized population of monocyte-derived tracheal macrophages promote airway epithelial regeneration through a CCR2-dependent mechanism. *iScience*, 27(7), 110169.

Monticelli S, et al. (2024) Early-wave macrophages control late hematopoiesis. *Developmental cell*, 59(10), 1284.

Yang Y, et al. (2024) Dietary vitamin B3 supplementation induces the antitumor immunity against liver cancer via biased GPR109A signaling in myeloid cell. *Cell reports. Medicine*, 5(9), 101718.

Wang B, et al. (2024) Intermittent clearance of p21-highly-expressing cells extends lifespan and confers sustained benefits to health and physical function. *Cell metabolism*, 36(8), 1795.

Jia D, et al. (2024) Microbial metabolite enhances immunotherapy efficacy by modulating T cell stemness in pan-cancer. *Cell*, 187(7), 1651.

Zou Z, et al. (2024) ATF4-SLC7A11-GSH axis mediates the acquisition of immunosuppressive properties by activated CD4+ T cells in low arginine condition. *Cell reports*, 43(4), 113995.

Beck JD, et al. (2024) Long-lasting mRNA-encoded interleukin-2 restores CD8+ T cell neoantigen immunity in MHC class I-deficient cancers. *Cancer cell*.

Wang X, et al. (2023) Prolonged hypernutrition impairs TREM2-dependent efferocytosis to license chronic liver inflammation and NASH development. *Immunity*, 56(1), 58.

Anstee JE, et al. (2023) LYVE-1+ macrophages form a collaborative CCR5-dependent perivascular niche that influences chemotherapy responses in murine breast cancer. *Developmental cell*, 58(17), 1548.

Xie MM, et al. (2023) An agonistic anti-signal regulatory protein ? antibody for chronic inflammatory diseases. *Cell reports. Medicine*, 4(8), 101130.

Sun G, et al. (2023) Rebalancing liver-infiltrating CCR3+ and CD206+ monocytes improves diet-induced NAFLD. *Cell reports*, 42(7), 112753.

Wang L, et al. (2022) Targeting p21Cip1 highly expressing cells in adipose tissue alleviates insulin resistance in obesity. *Cell metabolism*, 34(1), 75.

Lu Z, et al. (2022) Dissecting the genetic and microenvironmental factors of gastric tumorigenesis in mice. *Cell reports*, 41(3), 111482.

Hailemichael Y, et al. (2022) Interleukin-6 blockade abrogates immunotherapy toxicity and promotes tumor immunity. *Cancer cell*, 40(5), 509.

Xiong J, et al. (2022) Lactylation-driven METTL3-mediated RNA m6A modification promotes immunosuppression of tumor-infiltrating myeloid cells. *Molecular cell*, 82(9), 1660.

Shan Z, et al. (2021) Chitinase 3-like-1 contributes to acetaminophen-induced liver injury by promoting hepatic platelet recruitment. *eLife*, 10.

Feng J, et al. (2021) A host lipase prevents lipopolysaccharide-induced foam cell formation. *iScience*, 24(9), 103004.

He J, et al. (2021) Myeloid Fbxw7 Prevents Pulmonary Fibrosis by Suppressing TGF-? Production. *Frontiers in immunology*, 12, 760138.

Troutman TD, et al. (2021) Purification of mouse hepatic non-parenchymal cells or nuclei for use in ChIP-seq and other next-generation sequencing approaches. *STAR protocols*, 2(1), 100363.

Bagati A, et al. (2021) Integrin ?v?6-TGF?-SOX4 Pathway Drives Immune Evasion in Triple-Negative Breast Cancer. *Cancer cell*, 39(1), 54.