Resource Summary Report

Generated by kravitz2 on Jul 29, 2026

Brilliant Violet 421(TM) anti-mouse CD45

RRID:AB_10899570
Type: Antibody

Proper Citation

BioLegend Cat# 103133, RRID:AB_10899570

Antibody Information

URL: http://antibodyregistry.org/AB_10899570

Proper Citation: BioLegend Cat# 103133, RRID:AB_10899570

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, SB

Antibody Name: Brilliant Violet 421(TM) anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_10899570

Vendor: BioLegend

Catalog Number: 103133

Alternative Catalog Numbers: 103134

Record Creation Time: 20250819T234739+0000

Record Last Update: 20250820T062615+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse CD45.

No alerts have been found for Brilliant Violet 421(TM) anti-mouse CD45.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 50 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Li X, et al. (2025) IFN? augments TKI efficacy by alleviating protein unfolding stress to promote GSDME-mediated pyroptosis in hepatocellular carcinoma. Cell death & disease, 16(1), 512.

Gan L, et al. (2025) Acyloxyacyl Hydrolase Prevents Colitis and Colitis-Associated Colorectal Cancer by Inactivating Stimulatory LPS in the Intestine. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(8), e70566.

Nyberg WA, et al. (2025) In vivo engineering of murine T cells using the evolved adeno-associated virus variant Ark313. Immunity, 58(2), 499.

Zhou X, et al. (2025) Potentiating anti-tumor immunity by re-engaging immune synapse molecules. Cell reports. Medicine, 6(3), 101975.

Sheban F, et al. (2025) ZEB2 is a master switch controlling the tumor-associated macrophage program. Cancer cell, 43(7), 1227.

Rotta G, et al. (2025) Combinatorial treatment with upadacitinib abrogates systemic toxicity of a tumor-targeted IL-2 fusion protein. Journal for immunotherapy of cancer, 13(5).

Bündgen G, et al. (2025) Polyamines regulate adaptive antitumor immunity by functional specialization of regulatory T cells. Immunity, 58(8), 2019.

Qian J, et al. (2025) A CXCR4 partial agonist improves immunotherapy by targeting immunosuppressive neutrophils and cancer-driven granulopoiesis. Cancer cell, 43(8), 1512.

Luo C, et al. (2025) Integrated computational analysis identifies therapeutic targets with dual action in cancer cells and T cells. Immunity, 58(3), 745.

Tang K, et al. (2025) Perturbation of calreticulin potentiates CD8+ T cell-mediated antitumor immunity. The Journal of experimental medicine, 222(10).

Khandibharad S, et al. (2025) Evaluating LeishPepThera (PepA) as an immuno-therapeutic for Leishmania major infection. iScience, 28(12), 114064.

Alhallak K, et al. (2024) Mast cells control lung type 2 inflammation via prostaglandin E2-driven soluble ST2. Immunity, 57(6), 1274.

Liu Y, et al. (2024) Squalene-epoxidase-catalyzed 24(S),25-epoxycholesterol synthesis promotes trained-immunity-mediated antitumor activity. Cell reports, 43(4), 114094.

Lai Y, et al. (2024) Dietary elaidic acid boosts tumoral antigen presentation and cancer immunity via ACSL5. Cell metabolism, 36(4), 822.

Wallaeys C, et al. (2024) Paneth cell TNF signaling induces gut bacterial translocation and sepsis. Cell host & microbe, 32(10), 1725.

Xu Y, et al. (2024) Autophagy regulates age-related delayed jawbone regeneration and decreased osteoblast osteogenesis by degrading FABP3. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 38(14), e23824.

Zhang Q, et al. (2023) Klebsiella pneumoniae Induces Inflammatory Bowel Disease Through Caspase-11-Mediated IL18 in the Gut Epithelial Cells. Cellular and molecular gastroenterology and hepatology, 15(3), 613.

Kafai NM, et al. (2023) Entry receptor LDLRAD3 is required for Venezuelan equine encephalitis virus peripheral infection and neurotropism leading to pathogenesis in mice. Cell reports, 42(8), 112946.

Liu X, et al. (2023) Magnetic Resonance Imaging Nanoprobe Quantifies Nitric Oxide for Evaluating M1/M2 Macrophage Polarization and Prognosis of Cancer Treatments. ACS nano, 17(24), 24854.

Willows JW, et al. (2023) Schwann cells contribute to demyelinating diabetic neuropathy and nerve terminal structures in white adipose tissue. iScience, 26(3), 106189.