

Resource Summary Report

Generated by ASWG on Aug 9, 2026

Brilliant Violet 605(TM) anti-mouse/human CD44

RRID:AB_2562451

Type: Antibody

Proper Citation

BioLegend Cat# 103047, RRID:AB_2562451

Antibody Information

URL: http://antibodyregistry.org/AB_2562451

Proper Citation: BioLegend Cat# 103047, RRID:AB_2562451

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 605(TM) anti-mouse/human CD44

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_2562451

Vendor: BioLegend

Catalog Number: 103047

Record Creation Time: 20250820T001544+0000

Record Last Update: 20250820T074814+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 605(TM) anti-mouse/human CD44.

No alerts have been found for Brilliant Violet 605(TM) anti-mouse/human CD44.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 62 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Navarro Negredo P, et al. (2026) Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition. *Immunity*, 59(2), 458.

Geng S, et al. (2026) Krüppel-like factor 2 programs early exhausted T cell states and restrains antiviral immunity. *Immunity*, 59(5), 1306.

Laubretton D, et al. (2026) Transient tumor exposure induces persistent functional defects in memory CD8+ T cells. *iScience*, 29(5), 115556.

Zitti B, et al. (2026) Positioning and reversible suppression of CCR7+ dendritic cells in perivascular tumor niches shape cancer immunity. *Immunity*, 59(1), 161.

Stanbery AG, et al. (2026) Tuft cells promote reactivation of memory Th2 cells and are required for protective immunity to intestinal helminth re-infection. *Immunity*, 59(5), 1381.

Lee D, et al. (2026) Interleukin-4-producing type 2 innate lymphoid cells in the lymph node promote proallergic Tfh13 cell differentiation. *Immunity*, 59(7), 1860.

Pang J, et al. (2026) Law-NQO1 redox boosts the pentose phosphate pathway to confer stem-like properties and antitumor durability in effector CD8+ T cells. *Cell chemical biology*, 33(3), 321.

Paiva RA, et al. (2026) MAIT cells egress the thymus at several maturation stages with selective capacity to seed different tissues. *Immunity*, 59(6), 1512.

Chen J, et al. (2025) Low-dose irradiation of the gut improves the efficacy of PD-L1 blockade in metastatic cancer patients. *Cancer cell*, 43(3), 361.

Pei J, et al. (2025) Lrrk2 G2019S mutation incites increased cell-intrinsic neutrophil effector functions and intestinal inflammation in a model of infectious colitis. *NPJ Parkinson's disease*, 11(1), 267.

O'Neill E, et al. (2025) Neonatal infection with *Bordetella pertussis* promotes autism-like phenotypes in mice. *iScience*, 28(1), 111548.

Tursi NJ, et al. (2025) Modulation of lipid nanoparticle-formulated plasmid DNA drives innate immune activation promoting adaptive immunity. *Cell reports. Medicine*, 6(4), 102035.

van der Heide V, et al. (2025) Prolonged but finite antigen presentation promotes reversible defects of "helpless" memory CD8+ T cells. *Immunity*, 58(7), 1742.

Köhne M, et al. (2025) Satb1 directs the differentiation of TH17 cells through suppression of IL-2 expression. *Cell reports*, 44(7), 115866.

Gujar R, et al. (2025) Developing a therapeutic elastase that stimulates anti-tumor immunity by selectively killing cancer cells. *Cell reports. Medicine*, 6(11), 102446.

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

Cheung JF, et al. (2025) Distinct T cell functions enable efficient immunoediting and prevent tumor emergence of developing sarcomas. *Cancer cell*, 43(12), 2311.

Tang D, et al. (2025) Augment proteasome inhibitor efficacy activates CD8+ T cell-mediated antitumor immunity in breast cancer. *Cell reports. Medicine*, 6(7), 102211.

Castañó D, et al. (2025) Distinct components of mRNA vaccines cooperate to instruct efficient germinal center responses. *Cell*, 188(26), 7461.

Shinkawa T, et al. (2025) CD226 identifies effector CD8+ T cells during tuberculosis and costimulates recognition of *Mycobacterium tuberculosis*-infected macrophages. *Cell reports*, 44(9), 116184.