

Resource Summary Report

Generated by SPARC SAWG on Sep 5, 2026

Brilliant Violet 421(TM) Goat anti-mouse IgG (minimal x-reactivity)

RRID:AB_10900419

Type: Antibody

Proper Citation

BioLegend Cat# 405317, RRID:AB_10900419

Antibody Information

URL: http://antibodyregistry.org/AB_10900419

Proper Citation: BioLegend Cat# 405317, RRID:AB_10900419

Target Antigen: IgG

Host Organism: goat

Clonality: polyclonal

Comments: Applications: FC, ICC

Antibody Name: Brilliant Violet 421(TM) Goat anti-mouse IgG (minimal x-reactivity)

Description: This polyclonal targets IgG

Target Organism: mouse

Clone ID: Clone Poly4053

Antibody ID: AB_10900419

Vendor: BioLegend

Catalog Number: 405317

Record Creation Time: 20231110T063558+0000

Record Last Update: 20260901T064618+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) Goat anti-mouse IgG (minimal x-reactivity).

No alerts have been found for Brilliant Violet 421(TM) Goat anti-mouse IgG (minimal x-reactivity).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Thomas P, et al. (2024) High affinity mAb infusion can enhance maximum affinity maturation during HIV Env immunization. iScience, 27(4), 109495.

Rotolo A, et al. (2023) Unedited allogeneic iNKT cells show extended persistence in MHC-mismatched canine recipients. Cell reports. Medicine, 4(10), 101241.

Liu Z, et al. (2023) Selective deletion of zinc transporter 3 in amacrine cells promotes retinal ganglion cell survival and optic nerve regeneration after injury. Neural regeneration research, 18(12), 2773.

Friedrichs V, et al. (2022) Landscape and age dynamics of immune cells in the Egyptian rousette bat. Cell reports, 40(10), 111305.

Sangesland M, et al. (2022) Allelic polymorphism controls autoreactivity and vaccine elicitation of human broadly neutralizing antibodies against influenza virus. Immunity, 55(9), 1693.

Dong L, et al. (2021) The loss of RNA N6-adenosine methyltransferase Mettl14 in tumor-associated macrophages promotes CD8+ T cell dysfunction and tumor growth. Cancer cell, 39(7), 945.

Rojas OL, et al. (2019) Recirculating Intestinal IgA-Producing Cells Regulate Neuroinflammation via IL-10. Cell, 176(3), 610.

Low MSY, et al. (2019) IRF4 Activity Is Required in Established Plasma Cells to Regulate Gene Transcription and Mitochondrial Homeostasis. Cell reports, 29(9), 2634.

Bennett FC, et al. (2018) A Combination of Ontogeny and CNS Environment Establishes Microglial Identity. Neuron, 98(6), 1170.