

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Brilliant Violet 421™ Mouse IgG1, ? Isotype Ctrl

RRID:AB_10897939

Type: Antibody

Proper Citation

BioLegend Cat# 400157, RRID:AB_10897939

Antibody Information

URL: http://antibodyregistry.org/AB_10897939

Proper Citation: BioLegend Cat# 400157, RRID:AB_10897939

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 421™ Mouse IgG1, ? Isotype Ctrl

Description: This monoclonal targets

Target Organism: not applicable

Clone ID: clone MOPC-21

Antibody ID: AB_10897939

Vendor: BioLegend

Catalog Number: 400157

Alternative Catalog Numbers: 400158

Record Creation Time: 20250819T233834+0000

Record Last Update: 20250820T055807+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421™ Mouse IgG1, ? Isotype Ctrl.

Warning: Discontinued at BioLegend
Applications: FC

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 [NIF](#) .

Murdock BJ, et al. (2025) Early immune system changes in amyotrophic lateral sclerosis correlate with later disease progression. *Med (New York, N.Y.)*, 6(8), 100673.

Jayasinghe RG, et al. (2025) Single-cell transcriptomic profiling reveals diversity in human iNKT cells across hematologic tissues. *Cell reports*, 44(5), 115587.

Neuwirth T, et al. (2025) The polyamine-regulating enzyme SSAT1 impairs tissue regulatory T cell function in chronic cutaneous inflammation. *Immunity*, 58(3), 632.

Gravina A, et al. (2023) Synthetic immune checkpoint engagers protect HLA-deficient iPSCs and derivatives from innate immune cell cytotoxicity. *Cell stem cell*, 30(11), 1538.

Hosokawa M, et al. (2023) Cryptotanshinone is a candidate therapeutic agent for interstitial lung disease associated with a BRICHOS-domain mutation of SFTPC. *iScience*, 26(10), 107731.

Tamai K, et al. (2022) iPSC-derived mesenchymal cells that support alveolar organoid development. *Cell reports methods*, 2(10), 100314.

Hinterbrandner M, et al. (2021) Tnfrsf4-expressing regulatory T cells promote immune escape of chronic myeloid leukemia stem cells. *JCI insight*, 6(23).

Ehlers L, et al. (2021) Surface AMP deaminase 2 as a novel regulator modifying extracellular adenine nucleotide metabolism. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 35(7), e21684.

Nur Patria Y, et al. (2020) CRISPR/Cas9 gene editing of a SOX9 reporter human iPSC line to produce two TRPV4 patient heterozygous missense mutant iPSC lines, MCRIi001-A-3 (TRPV4 p.F273L) and MCRIi001-A-4 (TRPV4 p.P799L). *Stem cell research*, 48, 101942.