

Resource Summary Report

Generated by PRECISE-TBI on Sep 5, 2026

Brilliant Violet 421(TM) anti-mouse Podoplanin

RRID:AB_2814017

Type: Antibody

Proper Citation

BioLegend Cat# 127423, RRID:AB_2814017

Antibody Information

URL: http://antibodyregistry.org/AB_2814017

Proper Citation: BioLegend Cat# 127423, RRID:AB_2814017

Target Antigen: Podoplanin

Host Organism: syrian hamster

Clonality: monoclonal

Comments: Applications: FC

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

Description: This monoclonal targets Podoplanin

Target Organism: mouse

Clone ID: Clone 8.1.1

Antibody ID: AB_2814017

Vendor: BioLegend

Catalog Number: 127423

Record Creation Time: 20231110T032621+0000

Record Last Update: 20260901T032948+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Alouche N, et al. (2026) Homeostatic mature dendritic cells instruct fibroblast specialization via Notch2 signaling to establish T cell niches. *Immunity*, 59(6), 1688.

Jacobs KA, et al. (2026) Autophagy maintains high endothelial venule identity and function during inflammation. *Immunity*.

Li J, et al. (2026) Single-cell screens identify ADAM12 as a fibroblast checkpoint impeding anti-tumor immunity. *Cancer cell*.

Deng J, et al. (2026) Macrophage MR1 antigen presentation promotes MAIT cell immunity and lung microbiota modulation. *Science (New York, N.Y.)*, 391(6782), eadr6322.

McAninch C, et al. (2026) Protocol for establishing primary murine colonic fibroblast culture with induction of loxP/loxP deletion using transducible TAT-Cre recombinase. *STAR protocols*, 7(1), 104330.

Huang F, et al. (2025) Bile acids activate cancer-associated fibroblasts and induce an immunosuppressive microenvironment in cholangiocarcinoma. *Cancer cell*, 43(8), 1460.

Houbaert D, et al. (2024) An autophagy program that promotes T cell egress from the lymph node controls responses to immune checkpoint blockade. *Cell reports*, 43(4), 114020.

Zeng Q, et al. (2023) Spleen fibroblastic reticular cell-derived acetylcholine promotes lipid metabolism to drive autoreactive B cell responses. *Cell metabolism*, 35(5), 837.