

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

PE anti-mouse CD49b

RRID:AB_313029

Type: Antibody

Proper Citation

BioLegend Cat# 103506, RRID:AB_313029

Antibody Information

URL: http://antibodyregistry.org/AB_313029

Proper Citation: BioLegend Cat# 103506, RRID:AB_313029

Target Antigen: CD49b

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-mouse CD49b

Description: This monoclonal targets CD49b

Target Organism: mouse

Clone ID: clone HM?2

Antibody ID: AB_313029

Vendor: BioLegend

Catalog Number: 103506

Record Creation Time: 20250819T222417+0000

Record Last Update: 20250820T020458+0000

Ratings and Alerts

No rating or validation information has been found for PE anti-mouse CD49b.

No alerts have been found for PE anti-mouse CD49b.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Guo C, et al. (2025) In situ extended immune activation instantly after tumor resection by oncolytic virus controls postoperative tumor recurrence. Cell reports. Medicine, 6(10), 102399.

Janus-Bell E, et al. (2025) Depletion of all platelet integrins impacts hemostasis, thrombosis, and tumor metastasis. iScience, 28(9), 113250.

Liu K, et al. (2024) Thymosin β 1 reverses oncolytic adenovirus-induced M2 polarization of macrophages to improve antitumor immunity and therapeutic efficacy. Cell reports. Medicine, 5(10), 101751.

Dawson CA, et al. (2024) Hormone-responsive progenitors have a unique identity and exhibit high motility during mammary morphogenesis. Cell reports, 43(12), 115073.

Kim H, et al. (2023) Differential DNA damage repair and PARP inhibitor vulnerability of the mammary epithelial lineages. Cell reports, 42(10), 113256.

Briukhovetska D, et al. (2023) T cell-derived interleukin-22 drives the expression of CD155 by cancer cells to suppress NK cell function and promote metastasis. Immunity, 56(1), 143.

Mirshahi F, et al. (2022) Distinct hepatic immunological patterns are associated with the progression or inhibition of hepatocellular carcinoma. Cell reports, 38(9), 110454.

Gozgit JM, et al. (2021) PARP7 negatively regulates the type I interferon response in cancer cells and its inhibition triggers antitumor immunity. Cancer cell, 39(9), 1214.

Keerthivasan S, et al. (2021) Homeostatic functions of monocytes and interstitial lung macrophages are regulated via collagen domain-binding receptor LAIR1. Immunity, 54(7), 1511.

Gross KM, et al. (2019) Loss of Slug Compromises DNA Damage Repair and Accelerates Stem Cell Aging in Mammary Epithelium. Cell reports, 28(2), 394.

Qian P, et al. (2018) Retinoid-Sensitive Epigenetic Regulation of the Hoxb Cluster Maintains Normal Hematopoiesis and Inhibits Leukemogenesis. Cell stem cell, 22(5), 740.

Domínguez-Andrés J, et al. (2017) Inflammatory Ly6Chigh Monocytes Protect against Candidiasis through IL-15-Driven NK Cell/Neutrophil Activation. Immunity, 46(6), 1059.