

Resource Summary Report

Generated by [dkNET](#) on Aug 30, 2026

PE/Cyanine7 anti-mouse CD49b

RRID:AB_2566103

Type: Antibody

Proper Citation

BioLegend Cat# 103518, RRID:AB_2566103

Antibody Information

URL: http://antibodyregistry.org/AB_2566103

Proper Citation: BioLegend Cat# 103518, RRID:AB_2566103

Target Antigen: CD49b

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse CD49b

Description: This monoclonal targets CD49b

Target Organism: mouse

Clone ID: clone HM??2

Antibody ID: AB_2566103

Vendor: BioLegend

Catalog Number: 103518

Alternative Catalog Numbers: 103517

Record Creation Time: 20250820T012912+0000

Record Last Update: 20250820T110327+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD49b.

No alerts have been found for PE/Cyanine7 anti-mouse CD49b.

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 [dkNET](#) .

Eissa IR, et al. (2026) The CD49b (ITGA2) collagen receptor excludes CD8+ T cell infiltration in pancreatic ductal adenocarcinoma. iScience, 29(7), 116500.

da Silva Bortoleti BT, et al. (2025) A monoclonal antibody that inhibits the shedding of CD16a and CD16b and promotes antibody-dependent cellular cytotoxicity against tumors. Nature communications, 16(1), 9915.

Huang H, et al. (2025) Biomimetic nanoimmunotherapy boosts spatiotemporal PANoptosis and reshapes desmoplastic tumor microenvironment. Cell reports. Medicine, 6(9), 102312.

Poscablo DM, et al. (2024) An age-progressive platelet differentiation path from hematopoietic stem cells causes exacerbated thrombosis. Cell, 187(12), 3090.

Yang Z, et al. (2024) Inhibiting intracellular CD28 in cancer cells enhances antitumor immunity and overcomes anti-PD-1 resistance via targeting PD-L1. Cancer cell.

Gurram RK, et al. (2023) Crosstalk between ILC2s and Th2 cells varies among mouse models. Cell reports, 42(2), 112073.

Hu L, et al. (2023) Genetic distinction between functional tissue-resident and conventional natural killer cells. iScience, 26(7), 107187.

Baker GJ, et al. (2020) SYLARAS: A Platform for the Statistical Analysis and Visual Display of Systemic Immunoprofiling Data and Its Application to Glioblastoma. Cell systems, 11(3), 272.

Hartmann W, et al. (2019) Helminth Infections Suppress the Efficacy of Vaccination against Seasonal Influenza. Cell reports, 29(8), 2243.