

# Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

## PE/Cyanine7 anti-mouse CD49b

RRID:AB\_2566103

Type: Antibody

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### Proper Citation

BioLegend Cat# 103518, RRID:AB\_2566103

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2566103](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

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### 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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.

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.

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

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.