

Resource Summary Report

Generated by ASWG on Aug 23, 2026

CD49a

RRID:AB_11153117

Type: Antibody

Proper Citation

BD Biosciences Cat# 562115, RRID:AB_11153117

Antibody Information

URL: http://antibodyregistry.org/AB_11153117

Proper Citation: BD Biosciences Cat# 562115, RRID:AB_11153117

Target Antigen: CD49a

Host Organism: hamster

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD49a

Description: This monoclonal targets CD49a

Target Organism: mouse

Antibody ID: AB_11153117

Vendor: BD Biosciences

Catalog Number: 562115

Record Creation Time: 20250820T042138+0000

Record Last Update: 20250820T184526+0000

Ratings and Alerts

No rating or validation information has been found for CD49a.

No alerts have been found for CD49a.

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 [ASWG](#) .

Barahona JD, et al. (2026) TGF-?? drives the conversion of conventional NK cells into uterine tissue-resident NK cells to support murine pregnancy. eLife, 15.

Laubretton D, et al. (2026) Transient tumor exposure induces persistent functional defects in memory CD8+ T cells. iScience, 29(5), 115556.

Abe S, et al. (2023) Hematopoietic cell-derived IL-15 supports NK cell development in scattered and clustered localization within the bone marrow. Cell reports, 42(9), 113127.

Downey J, et al. (2022) Mitochondrial cyclophilin D promotes disease tolerance by licensing NK cell development and IL-22 production against influenza virus. Cell reports, 39(12), 110974.

Steffen J, et al. (2022) Type 1 innate lymphoid cells regulate the onset of Toxoplasma gondii-induced neuroinflammation. Cell reports, 38(13), 110564.

Xiong J, et al. (2022) Identification and characterization of innate lymphoid cells generated from pluripotent stem cells. Cell reports, 41(5), 111569.

Wang X, et al. (2021) GPR34-mediated sensing of lysophosphatidylserine released by apoptotic neutrophils activates type 3 innate lymphoid cells to mediate tissue repair. Immunity, 54(6), 1123.

Shreeve N, et al. (2021) The CD94/NKG2A inhibitory receptor educates uterine NK cells to optimize pregnancy outcomes in humans and mice. Immunity, 54(6), 1231.

Prosser A, et al. (2021) Dynamic changes to tissue-resident immunity after MHC-matched and MHC-mismatched solid organ transplantation. Cell reports, 35(7), 109141.

Xu W, et al. (2019) An Id2RFP-Reporter Mouse Redefines Innate Lymphoid Cell Precursor Potentials. Immunity, 50(4), 1054.

Zhou J, et al. (2019) Liver-Resident NK Cells Control Antiviral Activity of Hepatic T Cells via the PD-1-PD-L1 Axis. Immunity, 50(2), 403.

Fu B, et al. (2017) Natural Killer Cells Promote Fetal Development through the Secretion of Growth-Promoting Factors. Immunity, 47(6), 1100.