# Resource Summary Report

Generated by ASWG on Aug 15, 2026

## CD49a (Integrin ?1 chain)

RRID:AB_2739815
Type: Antibody

### Proper Citation

BD Biosciences Cat# 740046, RRID:AB_2739815

### Antibody Information

**URL:** http://antibodyregistry.org/AB_2739815

**Proper Citation:** BD Biosciences Cat# 740046, RRID:AB_2739815

**Target Antigen:** CD49a (Integrin ?1 chain)

**Host Organism:** armenian hamster

**Clonality:** monoclonal

**Comments:** Applications: Flow cytometry

**Antibody Name:** CD49a (Integrin ?1 chain)

**Description:** This monoclonal targets CD49a (Integrin ?1 chain)

**Target Organism:** mouse

**Clone ID:** Ha31/8

**Antibody ID:** AB_2739815

**Vendor:** BD Biosciences

**Catalog Number:** 740046

**Record Creation Time:** 20250819T223323+0000

**Record Last Update:** 20250820T023421+0000

### Ratings and Alerts

No rating or validation information has been found for CD49a (Integrin ?1 chain).

No alerts have been found for CD49a (Integrin ?1 chain).

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 6 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.

Guleed S, et al. (2026) CD8+ T cell responses recognizing immunodominant Chlamydia antigens fail to protect against infection. iScience, 29(4), 115242.

Ma R, et al. (2024) Vimentin modulates regulatory T cell receptor-ligand interactions at distal pole complex, leading to dysregulated host response to viral pneumonia. Cell reports, 43(12), 115056.

Fang D, et al. (2022) Differential regulation of transcription factor T-bet induction during NK cell development and T helper-1 cell differentiation. Immunity, 55(4), 639.

Mah-Som AY, et al. (2021) Reliance on Cox10 and oxidative metabolism for antigen-specific NK cell expansion. Cell reports, 35(9), 109209.

Victorino F, et al. (2021) HIF1? is required for NK cell metabolic adaptation during virus infection. eLife, 10.