

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

CD49b (Integrin alpha 2) Monoclonal Antibody (DX5), APC, eBioscience

RRID:AB_469485

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 17-5971-82, RRID:AB_469485

Antibody Information

URL: http://antibodyregistry.org/AB_469485

Proper Citation: Thermo Fisher Scientific Cat# 17-5971-82, RRID:AB_469485

Target Antigen: CD49b (Integrin alpha 2)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_469485, AB_10115704

Antibody Name: CD49b (Integrin alpha 2) Monoclonal Antibody (DX5), APC, eBioscience

Description: This monoclonal targets CD49b (Integrin alpha 2)

Target Organism: mouse

Clone ID: Clone DX5

Antibody ID: AB_469485

Vendor: Thermo Fisher Scientific

Catalog Number: 17-5971-82

Record Creation Time: 20251213T073758+0000

Record Last Update: 20260903T215500+0000

Ratings and Alerts

No rating or validation information has been found for CD49b (Integrin alpha 2) Monoclonal Antibody (DX5), APC, eBioscience.

No alerts have been found for CD49b (Integrin alpha 2) Monoclonal Antibody (DX5), APC, eBioscience.

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 [NIF](#).

Xie X, et al. (2026) Hyperactivation of sympathetic nerves fuels basophil infiltration in atopic dermatitis. *Immunity*, 59(3), 598.

Ver Heul AM, et al. (2025) RAG suppresses group 2 innate lymphoid cells. *eLife*, 13.

Xu H, et al. (2024) A Prime-Boost Vaccination Approach Induces Lung Resident Memory CD8+ T Cells Derived from Central Memory T Cells That Prevent Tumor Lung Metastasis. *Cancer research*, 84(19), 3173.

Wang F, et al. (2021) A basophil-neuronal axis promotes itch. *Cell*, 184(2), 422.

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

Kaur K, et al. (2021) GM-CSF production by non-classical monocytes controls antagonistic LPS-driven functions in allergic inflammation. *Cell reports*, 37(13), 110178.

Gabriely G, et al. (2021) Myeloid cell subsets that express latency-associated peptide promote cancer growth by modulating T cells. *iScience*, 24(11), 103347.

Hegde S, et al. (2020) Dendritic Cell Paucity Leads to Dysfunctional Immune Surveillance in Pancreatic Cancer. *Cancer cell*, 37(3), 289.

Wagner JA, et al. (2020) Stage-Specific Requirement for Eomes in Mature NK Cell Homeostasis and Cytotoxicity. *Cell reports*, 31(9), 107720.

Walker JA, et al. (2019) Polychromatic Reporter Mice Reveal Unappreciated Innate Lymphoid Cell Progenitor Heterogeneity and Elusive ILC3 Progenitors in Bone Marrow. *Immunity*, 51(1), 104.

Berrien-Elliott MM, et al. (2019) MicroRNA-142 Is Critical for the Homeostasis and Function of Type 1 Innate Lymphoid Cells. *Immunity*, 51(3), 479.

Ponzetta A, et al. (2019) Neutrophils Driving Unconventional T Cells Mediate Resistance against Murine Sarcomas and Selected Human Tumors. *Cell*, 178(2), 346.