

Resource Summary Report

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PE Rat Anti-Human CD49f

RRID:AB_396079

Type: Antibody

Proper Citation

BD Biosciences Cat# 555736, RRID:AB_396079

Antibody Information

URL: http://antibodyregistry.org/AB_396079

Proper Citation: BD Biosciences Cat# 555736, RRID:AB_396079

Target Antigen: CD49f (Integrin α 6 chain)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: PE Rat Anti-Human CD49f

Description: This monoclonal targets CD49f (Integrin α 6 chain)

Target Organism: pig, mouse, dog, human

Clone ID: GoH3

Antibody ID: AB_396079

Vendor: BD Biosciences

Catalog Number: 555736

Record Creation Time: 20250819T221300+0000

Record Last Update: 20250820T012850+0000

Ratings and Alerts

No rating or validation information has been found for PE Rat Anti-Human CD49f.

No alerts have been found for PE Rat Anti-Human CD49f.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Clayton BLL, et al. (2024) Patient iPSC models reveal glia-intrinsic phenotypes in multiple sclerosis. *Cell stem cell*, 31(11), 1701.

Zhang X, et al. (2023) Transcriptional metabolic reprogramming implements meiotic fate decision in mouse testicular germ cells. *Cell reports*, 42(7), 112749.

Rajachandran S, et al. (2023) Dissecting the spermatogonial stem cell niche using spatial transcriptomics. *Cell reports*, 42(7), 112737.

Malekzadeh M, et al. (2022) Cryoprotective Effect of Pentoxifylline on Spermatogonial Stem Cell During Transplantation into Azoospermic Torsion Mouse Model. *Reproductive sciences (Thousand Oaks, Calif.)*, 29(2), 526.

Kato T, et al. (2021) Dynamic stem cell selection safeguards the genomic integrity of the epidermis. *Developmental cell*, 56(24), 3309.

Barbar L, et al. (2020) CD49f Is a Novel Marker of Functional and Reactive Human iPSC-Derived Astrocytes. *Neuron*, 107(3), 436.

Barbar L, et al. (2020) Isolation of Human CD49f+ Astrocytes and In Vitro iPSC-Based Neurotoxicity Assays. *STAR protocols*, 1(3), 100172.

Miro C, et al. (2019) Thyroid hormone induces progression and invasiveness of squamous cell carcinomas by promoting a ZEB-1/E-cadherin switch. *Nature communications*, 10(1), 5410.

Santos CP, et al. (2019) Urothelial organoids originating from Cd49fhigh mouse stem cells display Notch-dependent differentiation capacity. *Nature communications*, 10(1), 4407.

Gomes AM, et al. (2018) Cooperative Transcription Factor Induction Mediates Hemogenic Reprogramming. *Cell reports*, 25(10), 2821.

Adam RC, et al. (2018) Temporal Layering of Signaling Effectors Drives Chromatin Remodeling during Hair Follicle Stem Cell Lineage Progression. *Cell stem cell*, 22(3), 398.

Haas TL, et al. (2017) Integrin $\alpha 7$ Is a Functional Marker and Potential Therapeutic Target in Glioblastoma. *Cell stem cell*, 21(1), 35.

McCauley HA, et al. (2017) Isolation and Separation of Epithelial CD34+ Cancer Stem Cells from Tgfb β 2-deficient Squamous Cell Carcinoma. *Bio-protocol*, 7(17), e2524.

McCauley HA, et al. (2017) De-repression of the RAC activator ELMO1 in cancer stem cells drives progression of TGF β -deficient squamous cell carcinoma from transition zones. *eLife*, 6.