

Resource Summary Report

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Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PE, eBioscience

RRID:AB_466086

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-5981-82, RRID:AB_466086)

Antibody Information

URL: http://antibodyregistry.org/AB_466086

Proper Citation: (Thermo Fisher Scientific Cat# 12-5981-82, RRID:AB_466086)

Target Antigen: Ly-6A/E (Sca-1)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.25 µg/test)
Consolidation on 1/2020: AB_466086, AB_10128575

Antibody Name: Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PE, eBioscience

Description: This monoclonal targets Ly-6A/E (Sca-1)

Target Organism: mouse

Clone ID: Clone D7

Antibody ID: AB_466086

Vendor: Thermo Fisher Scientific

Catalog Number: 12-5981-82

Record Creation Time: 20241130T060339+0000

Ratings and Alerts

No rating or validation information has been found for Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PE, eBioscience.

No alerts have been found for Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PE, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

St Paul M, et al. (2024) Ex vivo activation of the GCN2 pathway metabolically reprograms T cells, leading to enhanced adoptive cell therapy. *Cell reports. Medicine*, 5(3), 101465.

Li Y, et al. (2023) TET2-mediated mRNA demethylation regulates leukemia stem cell homing and self-renewal. *Cell stem cell*, 30(8), 1072.

Wu Y, et al. (2023) MicroRNA-223 limits murine hemogenic endothelial cell specification and myelopoiesis. *Developmental cell*, 58(14), 1237.

Han L, et al. (2023) METTL16 drives leukemogenesis and leukemia stem cell self-renewal by reprogramming BCAA metabolism. *Cell stem cell*, 30(1), 52.

Sun R, et al. (2022) Neutral ceramidase-dependent regulation of macrophage metabolism directs intestinal immune homeostasis and controls enteric infection. *Cell reports*, 38(13), 110560.

Cordero-Espinoza L, et al. (2021) Dynamic cell contacts between periportal mesenchyme and ductal epithelium act as a rheostat for liver cell proliferation. *Cell stem cell*, 28(11), 1907.

Agarwal P, et al. (2021) TNF- α -induced alterations in stromal progenitors enhance leukemic stem cell growth via CXCR2 signaling. *Cell reports*, 36(2), 109386.

Chlon TM, et al. (2021) Germline DDX41 mutations cause ineffective hematopoiesis and myelodysplasia. *Cell stem cell*, 28(11), 1966.

Ahrends T, et al. (2021) Enteric pathogens induce tissue tolerance and prevent neuronal loss from subsequent infections. *Cell*, 184(23), 5715.

Geng A, et al. (2020) A novel function of R-spondin1 in regulating estrogen receptor expression independent of Wnt/ β -catenin signaling. *eLife*, 9.

Agarwal P, et al. (2019) Mesenchymal Niche-Specific Expression of Cxcl12 Controls Quiescence of Treatment-Resistant Leukemia Stem Cells. *Cell stem cell*, 24(5), 769.

Labuhn M, et al. (2019) Mechanisms of Progression of Myeloid Preleukemia to Transformed Myeloid Leukemia in Children with Down Syndrome. *Cancer cell*, 36(2), 123.

Schmidt K, et al. (2018) The H3K4 methyltransferase Setd1b is essential for hematopoietic stem and progenitor cell homeostasis in mice. *eLife*, 7.

Moretti FA, et al. (2018) Differential requirement of kindlin-3 for T cell progenitor homing to the non-vascularized and vascularized thymus. *eLife*, 7.

Xiong G, et al. (2017) The PERK arm of the unfolded protein response regulates satellite cell-mediated skeletal muscle regeneration. *eLife*, 6.

Schneider RK, et al. (2017) Gli1⁺ Mesenchymal Stromal Cells Are a Key Driver of Bone Marrow Fibrosis and an Important Cellular Therapeutic Target. *Cell stem cell*, 20(6), 785.