

Resource Summary Report

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

Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PerCP-Cyanine5.5, eBioscience

RRID:AB_914372

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 45-5981-82, RRID:AB_914372

Antibody Information

URL: http://antibodyregistry.org/AB_914372

Proper Citation: Thermo Fisher Scientific Cat# 45-5981-82, RRID:AB_914372

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

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_914372, AB_10233517

Antibody Name: Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PerCP-Cyanine5.5, eBioscience

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

Target Organism: mouse

Clone ID: Clone D7

Antibody ID: AB_914372

Vendor: Thermo Fisher Scientific

Catalog Number: 45-5981-82

Record Creation Time: 20251213T073922+0000

Record Last Update: 20260903T215709+0000

Ratings and Alerts

No rating or validation information has been found for Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PerCP-Cyanine5.5, eBioscience.

No alerts have been found for Ly-6A/E (Sca-1) Monoclonal Antibody (D7), PerCP-Cyanine5.5, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Scott-Solomon E, et al. (2026) Stress-induced sympathetic hyperactivation drives hair follicle necrosis to trigger autoimmunity. *Cell*, 189(1), 252.

Xu Z, et al. (2026) Unbiased niche labeling maps immune-excluded niche in bone metastasis. *Cell*, 189(11), 3287.

Moreno SG, et al. (2026) Heritable ER stress impairs mitochondrial metabolism and maintenance of hematopoietic stem cells after low-dose irradiation. *iScience*, 29(2), 114738.

Zhang P, et al. (2026) Sympathetic-epithelial crosstalk governs tissue-resident memory T cell immunosurveillance in the skin. *Cell*, 189(5), 1323.

Merchant S, et al. (2025) Different effects of fatty acid oxidation on hematopoietic stem cells based on age and diet. *Cell stem cell*, 32(2), 263.

Gadek KE, et al. (2025) Transdifferentiation of endothelial progenitor cells into rhabdomyosarcoma defined by hedgehog signaling competence. *Cell reports*, 44(10), 116339.

Chen H, et al. (2025) Intermittent fasting triggers interorgan communication to suppress hair follicle regeneration. *Cell*, 188(1), 157.

Denk D, et al. (2025) IL-17RA signaling provides dual tumor-suppressor function during late-stage colorectal carcinogenesis. *Immunity*, 58(3), 701.

Yang L, et al. (2024) Intraepithelial mast cells drive gasdermin C-mediated type 2 immunity. *Immunity*, 57(5), 1056.

Du C, et al. (2024) Mitochondrial serine catabolism safeguards maintenance of the hematopoietic stem cell pool in homeostasis and injury. *Cell stem cell*, 31(10), 1484.

Das A, et al. (2024) Transcription factor Tox2 is required for metabolic adaptation and tissue residency of ILC3 in the gut. *Immunity*, 57(5), 1019.

Chua BA, et al. (2023) Hematopoietic stem cells preferentially traffic misfolded proteins to aggresomes and depend on aggrephagy to maintain protein homeostasis. *Cell stem cell*, 30(4), 460.

Cao Y, et al. (2023) Dopamine inhibits group 2 innate lymphoid cell-driven allergic lung inflammation by dampening mitochondrial activity. *Immunity*, 56(2), 320.

Zhang W, et al. (2023) Bone Metastasis Initiation Is Coupled with Bone Remodeling through Osteogenic Differentiation of NG2+ Cells. *Cancer discovery*, 13(2), 474.

Hao X, et al. (2023) Osteoprogenitor-GMP crosstalk underpins solid tumor-induced systemic immunosuppression and persists after tumor removal. *Cell stem cell*, 30(5), 648.

Fanti AK, et al. (2023) Flt3- and Tie2-Cre tracing identifies regeneration in sepsis from multipotent progenitors but not hematopoietic stem cells. *Cell stem cell*, 30(2), 207.

Wang C, et al. (2023) Smad4-mediated angiogenesis facilitates the beiging of white adipose tissue in mice. *iScience*, 26(3), 106272.

Eagle K, et al. (2022) An oncogenic enhancer encodes selective selenium dependency in AML. *Cell stem cell*, 29(3), 386.

Du C, et al. (2022) Renal Klotho and inorganic phosphate are extrinsic factors that antagonistically regulate hematopoietic stem cell maintenance. *Cell reports*, 38(7), 110392.

Rommel MGE, et al. (2022) Influenza A virus infection instructs hematopoiesis to megakaryocyte-lineage output. *Cell reports*, 41(1), 111447.