

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 25, 2025

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

RRID:AB\_914372

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# 45-5981-82, RRID:AB\_914372)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_914372](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 (0.25 µg/test)  
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:** 20231110T075452+0000

**Record Last Update:** 20241115T112526+0000

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## 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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 38 mentions in open access literature.

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

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.

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

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

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.

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.

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.

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

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.

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

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

Xiong J, et al. (2022) Identification and characterization of innate lymphoid cells generated from pluripotent stem cells. *Cell reports*, 41(5), 111569.

Akter S, et al. (2022) Mycobacterium tuberculosis infection drives a type I IFN signature in lung lymphocytes. *Cell reports*, 39(12), 110983.

Yu W, et al. (2022) Isolation of murine bone marrow hematopoietic stem and progenitor cell populations via flow cytometry. *Methods in cell biology*, 171, 173.

Denk D, et al. (2022) Expansion of T memory stem cells with superior anti-tumor immunity by Urolithin A-induced mitophagy. *Immunity*, 55(11), 2059.

Park JH, et al. (2022) Obesity enhances antiviral immunity in the genital mucosa through a microbiota-mediated effect on ?? T cells. *Cell reports*, 41(6), 111594.

Li MY, et al. (2021) UV-induced reduction in Polycomb repression promotes epidermal pigmentation. *Developmental cell*, 56(18), 2547.

Kim SP, et al. (2021) Mutant U2AF1-induced alternative splicing of H2afy (macroH2A1) regulates B-lymphopoiesis in mice. *Cell reports*, 36(9), 109626.

Lv K, et al. (2021) HectD1 controls hematopoietic stem cell regeneration by coordinating ribosome assembly and protein synthesis. *Cell stem cell*, 28(7), 1275.