

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Rat Anti-Sca1 / Ly6A / E Monoclonal Antibody, Unconjugated, Clone E13 161-7

RRID:AB_1640946

Type: Antibody

Proper Citation

Abcam Cat# ab51317, RRID:AB_1640946

Antibody Information

URL: http://antibodyregistry.org/AB_1640946

Proper Citation: Abcam Cat# ab51317, RRID:AB_1640946

Target Antigen: Sca1 / Ly6A / E

Host Organism: rat

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunocytochemistry/Immunofluorescence

Antibody Name: Rat Anti-Sca1 / Ly6A / E Monoclonal Antibody, Unconjugated, Clone E13 161-7

Description: This monoclonal targets Sca1 / Ly6A / E

Target Organism: mouse

Clone ID: Clone E13 161-7

Antibody ID: AB_1640946

Vendor: Abcam

Catalog Number: ab51317

Record Creation Time: 20250820T011343+0000

Record Last Update: 20250820T102212+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-Sca1 / Ly6A / E Monoclonal Antibody, Unconjugated, Clone E13 161-7.

No alerts have been found for Rat Anti-Sca1 / Ly6A / E Monoclonal Antibody, Unconjugated, Clone E13 161-7.

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 [RRID](#) .

Chen Z, et al. (2026) Fibroblast-derived alarmin promotes oral wound healing by activating regulatory T cells that relay pro-angiogenic and anti-inflammatory responses. Cell reports, 45(1), 116829.

Picó S, et al. (2025) Comparative analysis of mouse strains for in vivo induction of reprogramming factors. Cell reports, 44(7), 115879.

van der Net MC, et al. (2025) Mechanosensitive calcium channels and integrins coordinate the reprogramming of colorectal cancer cells into a fetal-like state. Cell reports, 44(10), 116308.

Ying Z, et al. (2024) Resident vascular Sca1+ progenitors differentiate into endothelial cells in vascular remodeling via miR-145-5p/ERG signaling pathway. iScience, 27(6), 110080.

Gao M, et al. (2023) Deciphering postnatal limb development at single-cell resolution. iScience, 26(1), 105808.

Seong J, et al. (2022) Epiblast inducers capture mouse trophectoderm stem cells in vitro and pattern blastoids for implantation in utero. Cell stem cell, 29(7), 1102.

Lenti E, et al. (2022) Fate mapping and scRNA sequencing reveal origin and diversity of lymph node stromal precursors. Immunity, 55(4), 606.

Zhou X, et al. (2022) SM22⁺-lineage niche cells regulate intramembranous bone regeneration via PDGFR⁺-triggered hydrogen sulfide production. Cell reports, 39(5), 110750.

Ford MJ, et al. (2021) Oviduct epithelial cells constitute two developmentally distinct lineages that are spatially separated along the distal-proximal axis. Cell reports, 36(10), 109677.

Kälin RE, et al. (2021) TAMEP are brain tumor parenchymal cells controlling neoplastic angiogenesis and progression. Cell systems, 12(3), 248.

Scott RW, et al. (2019) Hic1 Defines Quiescent Mesenchymal Progenitor Subpopulations with Distinct Functions and Fates in Skeletal Muscle Regeneration. *Cell stem cell*, 25(6), 797.

McDonald AI, et al. (2018) Endothelial Regeneration of Large Vessels Is a Biphasic Process Driven by Local Cells with Distinct Proliferative Capacities. *Cell stem cell*, 23(2), 210.