

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

Mouse/Rat Integrin alpha 8 Antibody

RRID:AB_2296280

Type: Antibody

Proper Citation

R and D Systems Cat# AF4076, RRID:AB_2296280

Antibody Information

URL: http://antibodyregistry.org/AB_2296280

Proper Citation: R and D Systems Cat# AF4076, RRID:AB_2296280

Target Antigen: Integrin alpha 8

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunocytochemistry

Antibody Name: Mouse/Rat Integrin alpha 8 Antibody

Description: This polyclonal targets Integrin alpha 8

Target Organism: Rat, Mouse

Antibody ID: AB_2296280

Vendor: R and D Systems

Catalog Number: AF4076

Alternative Catalog Numbers: AF4076-SP

Record Creation Time: 20250820T045213+0000

Record Last Update: 20250820T200938+0000

Ratings and Alerts

No rating or validation information has been found for Mouse/Rat Integrin alpha 8 Antibody.

No alerts have been found for Mouse/Rat Integrin alpha 8 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Omachi K, et al. (2026) Glomerular basement membrane structural integrity dictates trans-tissue deposition of laminin in the kidney. *Cell reports*, 45(3), 117006.

Zhang Y, et al. (2026) Stem cell control in the lung by an autocrine injury-activated Igf complex. *Science (New York, N.Y.)*, 392(6795), eadt1310.

Tam HT, et al. (2026) Hyperinnervation inhibits organ-level regeneration in mammalian skin. *Cell*, 189(11), 3270.

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

Huang B, et al. (2025) Spatially patterned kidney assembloids recapitulate progenitor self-assembly and enable high-fidelity in vivo disease modeling. *Cell stem cell*, 32(10), 1614.

Liu W, et al. (2025) Nephronectin mediates the interaction between hair follicle epithelial progenitors and dermal stem cells and is involved in hair cycle progression. *The Journal of investigative dermatology*.

Liu J, et al. (2024) Measurement of adhesion and traction of cells at high yield (MATCHY) reveals an energetic ratchet driving nephron condensation. *bioRxiv : the preprint server for biology*.

Huang B, et al. (2024) Long-term expandable mouse and human-induced nephron progenitor cells enable kidney organoid maturation and modeling of plasticity and disease. *Cell stem cell*, 31(6), 921.

Davis SN, et al. (2024) Nephron progenitors rhythmically alternate between renewal and differentiation phases that synchronize with kidney branching morphogenesis. *bioRxiv : the preprint server for biology*.

Konkimalla A, et al. (2023) Transitional cell states sculpt tissue topology during lung regeneration. *Cell stem cell*, 30(11), 1486.

Viola JM, et al. (2023) Rho/ROCK activity tunes cell compartment segregation and differentiation in nephron-forming niches. *bioRxiv : the preprint server for biology*.

Muhl L, et al. (2022) A single-cell transcriptomic inventory of murine smooth muscle cells. *Developmental cell*, 57(20), 2426.

Saito Y, et al. (2022) Generation of functional chimeric kidney containing exogenous progenitor-derived stroma and nephron via a conditional empty niche. *Cell reports*, 39(11), 110933.

Shin W, et al. (2020) Dysfunction of Hair Follicle Mesenchymal Progenitors Contributes to Age-Associated Hair Loss. *Developmental cell*, 53(2), 185.

Shwartz Y, et al. (2020) Cell Types Promoting Goosebumps Form a Niche to Regulate Hair Follicle Stem Cells. *Cell*, 182(3), 578.

Abbasi S, et al. (2020) Distinct Regulatory Programs Control the Latent Regenerative Potential of Dermal Fibroblasts during Wound Healing. *Cell stem cell*, 27(3), 396.

Tsujimoto H, et al. (2020) A Modular Differentiation System Maps Multiple Human Kidney Lineages from Pluripotent Stem Cells. *Cell reports*, 31(1), 107476.

Karpus ON, et al. (2019) Colonic CD90+ Crypt Fibroblasts Secrete Semaphorins to Support Epithelial Growth. *Cell reports*, 26(13), 3698.

O'Brien LL, et al. (2018) Wnt11 directs nephron progenitor polarity and motile behavior ultimately determining nephron endowment. *eLife*, 7.

Zhou Y, et al. (2018) Autocrine Mfge8 Signaling Prevents Developmental Exhaustion of the Adult Neural Stem Cell Pool. *Cell stem cell*, 23(3), 444.