

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Human PDGF R alpha Antibody

RRID:AB_354459

Type: Antibody

Proper Citation

R and D Systems Cat# AF-307-NA, RRID:AB_354459

Antibody Information

URL: http://antibodyregistry.org/AB_354459

Proper Citation: R and D Systems Cat# AF-307-NA, RRID:AB_354459

Target Antigen: PDGFR alpha

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Neutralization

Antibody Name: Human PDGF R alpha Antibody

Description: This polyclonal targets PDGFR alpha

Target Organism: Human

Antibody ID: AB_354459

Vendor: R and D Systems

Catalog Number: AF-307-NA

Alternative Catalog Numbers: AF-307-SP

Record Creation Time: 20250819T225002+0000

Record Last Update: 20250820T032657+0000

Ratings and Alerts

- Used for cytometry time of flight assay by the Human Islet Research Network community. Contact(s): [Mark Atkinson](#), [Al Powers](#), [Michael Feldman](#), [Ali Naji](#), [Klaus Kaestner](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Human PDGF R alpha Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Brorson J, et al. (2025) Complementing muscle regeneration-fibro-adipogenic progenitor and macrophage-mediated repair of elderly human skeletal muscle. Nature communications, 16(1), 5233.

Manesh SB, et al. (2024) Compensatory changes after spinal cord injury in a remyelination deficient mouse model. Journal of neurochemistry.

Giacomoni J, et al. (2024) 3D model for human glia conversion into subtype-specific neurons, including dopamine neurons. Cell reports methods, 4(9), 100845.

Xie Y, et al. (2024) Single-cell dissection of the human blood-brain barrier and glioma blood-tumor barrier. Neuron, 112(18), 3089.

Huycke TR, et al. (2024) Patterning and folding of intestinal villi by active mesenchymal dewetting. Cell, 187(12), 3072.

Zhang Y, et al. (2024) Potassium ion channel modulation at cancer-neural interface enhances neuronal excitability in epileptogenic glioblastoma multiforme. Neuron.

Sun Z, et al. (2024) Harnessing developmental dynamics of spinal cord extracellular matrix improves regenerative potential of spinal cord organoids. Cell stem cell, 31(5), 772.

Wamaitha SE, et al. (2023) Single-cell analysis of the developing human ovary defines distinct insights into ovarian somatic and germline progenitors. Developmental cell, 58(20), 2097.

Liu DD, et al. (2023) Purification and characterization of human neural stem and progenitor cells. Cell, 186(6), 1179.

Zhou X, et al. (2022) Deciphering the spatial-temporal transcriptional landscape of human hypothalamus development. Cell stem cell, 29(2), 328.

Farup J, et al. (2021) Human skeletal muscle CD90+ fibro-adipogenic progenitors are associated with muscle degeneration in type 2 diabetic patients. Cell metabolism, 33(11), 2201.

Fu Y, et al. (2021) Heterogeneity of glial progenitor cells during the neurogenesis-to-gliogenesis switch in the developing human cerebral cortex. *Cell reports*, 34(9), 108788.

Huang W, et al. (2020) Origins and Proliferative States of Human Oligodendrocyte Precursor Cells. *Cell*, 182(3), 594.

Micali N, et al. (2020) Variation of Human Neural Stem Cells Generating Organizer States In Vitro before Committing to Cortical Excitatory or Inhibitory Neuronal Fates. *Cell reports*, 31(5), 107599.

Chen CCL, et al. (2020) Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. *Cell*, 183(6), 1617.

Hermanto Y, et al. (2019) Xeno-free culture for generation of forebrain oligodendrocyte precursor cells from human pluripotent stem cells. *Journal of neuroscience research*, 97(7), 828.

Kinchen J, et al. (2018) Structural Remodeling of the Human Colonic Mesenchyme in Inflammatory Bowel Disease. *Cell*, 175(2), 372.