

# Resource Summary Report

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

## Mouse PDGF R beta Antibody

RRID:AB\_2162633

Type: Antibody

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### Proper Citation

R and D Systems Cat# AF1042, RRID:AB\_2162633

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2162633](http://antibodyregistry.org/AB_2162633)

**Proper Citation:** R and D Systems Cat# AF1042, RRID:AB\_2162633

**Target Antigen:** PDGF R beta

**Host Organism:** Goat

**Clonality:** polyclonal

**Comments:** Applications: Western Blot, Immunohistochemistry

**Antibody Name:** Mouse PDGF R beta Antibody

**Description:** This polyclonal targets PDGF R beta

**Target Organism:** mouse

**Antibody ID:** AB\_2162633

**Vendor:** R and D Systems

**Catalog Number:** AF1042

**Alternative Catalog Numbers:** AF1042-SP

**Record Creation Time:** 20250819T233912+0000

**Record Last Update:** 20250820T060012+0000

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### Ratings and Alerts

No rating or validation information has been found for Mouse PDGF R beta Antibody.

No alerts have been found for Mouse PDGF R beta Antibody.

## Data and Source Information

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

## Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. *Cell stem cell*, 33(1), 108.

Wu L, et al. (2025) The cell-surface shared proteome of astrocytes and neurons and the molecular foundations of their multicellular interactions. *Neuron*, 113(16), 2599.

Sakuma R, et al. (2025) Nrf2 phosphorylation contributes to acquisition of pericyte reprogramming via the PKC $\gamma$  pathway. *Neurobiology of disease*, 206, 106824.

Wen H, et al. (2025) A spatiotemporal cell atlas of cardiopulmonary progenitor cell allocation during development. *Cell reports*, 44(4), 115513.

Xie W, et al. (2025) Vascular motion in the dorsal root ganglion sensed by Piezo2 in sensory neurons triggers episodic pain. *Neuron*, 113(11), 1774.

Tian M, et al. (2025) Deconstructing the intercellular interactome in vascular dementia with focal ischemia for therapeutic applications. *Cell*.

Liu L, et al. (2025) TWEAK-Fn14 signaling protects mice from pulmonary fibrosis by inhibiting fibroblast activation and recruiting pro-regenerative macrophages. *Cell reports*, 44(2), 115220.

Caratis F, et al. (2025) Differential expression and modulation of EBI2 and 7 $\alpha$ ,25-OHC synthesizing (CH25H, CYP7B1) and degrading (HSD3B7) enzymes in mouse and human brain vascular cells. *PloS one*, 20(2), e0318822.

Hikosaka M, et al. (2025) Maternal immune activation followed by peripubertal stress combinedly produce reactive microglia and confine cerebellar cognition. *Communications biology*, 8(1), 296.

Nakamura Y, et al. (2025) Adult leptomeningeal vestigial neural crest-derived multipotent cells promote vascular repair after stroke. *Cell reports*, 45(1), 116747.

Biswas S, et al. (2024) Glutamatergic neuronal activity regulates angiogenesis and blood-retinal barrier maturation via Norrin/ $\beta$ -catenin signaling. *Neuron*, 112(12), 1978.

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. *Neuron*, 112(2), 209.

Zhao R, et al. (2024) Sustained amphiregulin expression in intermediate alveolar stem cells drives progressive fibrosis. *Cell stem cell*, 31(9), 1344.

Bennett HC, et al. (2024) Aging drives cerebrovascular network remodeling and functional changes in the mouse brain. *Nature communications*, 15(1), 6398.

Ren SY, et al. (2024) Growth hormone promotes myelin repair after chronic hypoxia via triggering pericyte-dependent angiogenesis. *Neuron*, 112(13), 2177.

Cheng J, et al. (2024) Myeloid cells coordinately induce glioma cell-intrinsic and cell-extrinsic pathways for chemoresistance via GP130 signaling. *Cell reports. Medicine*, 5(8), 101658.

Coppiello G, et al. (2023) Generation of heart and vascular system in rodents by blastocyst complementation. *Developmental cell*, 58(24), 2881.

Pandey K, et al. (2023) Neuronal activity drives IGF2 expression from pericytes to form long-term memory. *Neuron*, 111(23), 3819.

Xing YL, et al. (2023) High-efficiency pharmacogenetic ablation of oligodendrocyte progenitor cells in the adult mouse CNS. *Cell reports methods*, 3(2), 100414.

Meng H, et al. (2023) Evidence for developmental vascular-associated necroptosis and its contribution to venous-lymphatic endothelial differentiation. *Frontiers in cell and developmental biology*, 11, 1229788.