

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

CD140a (PDGFRA) Monoclonal Antibody (APA5), PE, eBioscience

RRID:AB_657615

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-1401-81, RRID:AB_657615)

Antibody Information

URL: http://antibodyregistry.org/AB_657615

Proper Citation: (Thermo Fisher Scientific Cat# 12-1401-81, RRID:AB_657615)

Target Antigen: CD140a (PDGFRA)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_657615, AB_10171586

Antibody Name: CD140a (PDGFRA) Monoclonal Antibody (APA5), PE, eBioscience

Description: This monoclonal targets CD140a (PDGFRA)

Target Organism: mouse

Clone ID: Clone APA5

Antibody ID: AB_657615

Vendor: Thermo Fisher Scientific

Catalog Number: 12-1401-81

Record Creation Time: 20251213T073500+0000

Record Last Update: 20260225T230616+0000

Ratings and Alerts

No rating or validation information has been found for CD140a (PDGFRA) Monoclonal Antibody (APA5), PE, eBioscience.

No alerts have been found for CD140a (PDGFRA) Monoclonal Antibody (APA5), PE, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Azami T, et al. (2025) STAT3 signaling enhances tissue expansion during postimplantation mouse development. Cell reports, 44(4), 115506.

Hua L, et al. (2025) Maternal obesity impairs fetal brown adipogenesis by attenuating fetal FGF21 signaling. Cell reports, 44(7), 115935.

Vuong LM, et al. (2025) CDC42-effector interaction inhibitors alter patterns of vessel arborization in skin and tumors in vivo. iScience, 28(7), 112971.

Cossec JC, et al. (2023) Transient suppression of SUMOylation in embryonic stem cells generates embryo-like structures. Cell reports, 42(4), 112380.

Jung BC, et al. (2023) TET3 plays a critical role in white adipose development and diet-induced remodeling. Cell reports, 42(10), 113196.

Steimle JD, et al. (2023) ETV2 primes hematoendothelial gene enhancers prior to hematoendothelial fate commitment. Cell reports, 42(6), 112665.

Wang J, et al. (2021) Endothelial Wnts control mammary epithelial patterning via fibroblast signaling. Cell reports, 34(13), 108897.

Ma S, et al. (2021) Gain-of-function p53 protein transferred via small extracellular vesicles promotes conversion of fibroblasts to a cancer-associated phenotype. Cell reports, 34(6), 108726.

McCarthy N, et al. (2020) Distinct Mesenchymal Cell Populations Generate the Essential Intestinal BMP Signaling Gradient. Cell stem cell, 26(3), 391.

Bowling S, et al. (2020) An Engineered CRISPR-Cas9 Mouse Line for Simultaneous Readout of Lineage Histories and Gene Expression Profiles in Single Cells. Cell, 181(6), 1410.

Chao CC, et al. (2019) Metabolic Control of Astrocyte Pathogenic Activity via cPLA2-MAVS. Cell, 179(7), 1483.

Walens A, et al. (2019) CCL5 promotes breast cancer recurrence through macrophage recruitment in residual tumors. *eLife*, 8.

Wheeler MA, et al. (2019) Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation. *Cell*, 176(3), 581.

Alexander JM, et al. (2019) Live-cell imaging reveals enhancer-dependent Sox2 transcription in the absence of enhancer proximity. *eLife*, 8.

Avey D, et al. (2018) Single-Cell RNA-Seq Uncovers a Robust Transcriptional Response to Morphine by Glia. *Cell reports*, 24(13), 3619.

Feinberg TY, et al. (2018) Divergent Matrix-Remodeling Strategies Distinguish Developmental from Neoplastic Mammary Epithelial Cell Invasion Programs. *Developmental cell*, 47(2), 145.

Cánovas B, et al. (2018) Targeting p38 γ Increases DNA Damage, Chromosome Instability, and the Anti-tumoral Response to Taxanes in Breast Cancer Cells. *Cancer cell*, 33(6), 1094.

Carrió E, et al. (2016) Muscle cell identity requires Pax7-mediated lineage-specific DNA demethylation. *BMC biology*, 14, 30.