

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.org) on Apr 2, 2025

## APC anti-mouse CD31

RRID:AB\_312905

Type: Antibody

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### Proper Citation

(BioLegend Cat# 102410, RRID:AB\_312905)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_312905](http://antibodyregistry.org/AB_312905)

**Proper Citation:** (BioLegend Cat# 102410, RRID:AB\_312905)

**Target Antigen:** CD31

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** APC anti-mouse CD31

**Description:** This monoclonal targets CD31

**Target Organism:** mouse

**Clone ID:** Clone 390

**Antibody ID:** AB\_312905

**Vendor:** BioLegend

**Catalog Number:** 102410

**Alternative Catalog Numbers:** 102409

**Record Creation Time:** 20231110T045027+0000

**Record Last Update:** 20241115T113632+0000

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## Ratings and Alerts

No rating or validation information has been found for APC anti-mouse CD31.

No alerts have been found for APC anti-mouse CD31.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 31 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Bonora M, et al. (2024) A mitochondrial NADPH-cholesterol axis regulates extracellular vesicle biogenesis to support hematopoietic stem cell fate. *Cell stem cell*, 31(3), 359.

Kang X, et al. (2024) Exercise-induced Musclin determines the fate of fibro-adipogenic progenitors to control muscle homeostasis. *Cell stem cell*, 31(2), 212.

Carabaña C, et al. (2024) Spatially distinct epithelial and mesenchymal cell subsets along progressive lineage restriction in the branching embryonic mammary gland. *The EMBO journal*, 43(12), 2308.

Martinez-Lozada Z, et al. (2023) Cooperative and competitive regulation of the astrocytic transcriptome by neurons and endothelial cells: Impact on astrocyte maturation. *Journal of neurochemistry*, 167(1), 52.

Herriges MJ, et al. (2023) Durable alveolar engraftment of PSC-derived lung epithelial cells into immunocompetent mice. *Cell stem cell*, 30(9), 1217.

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

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. *Developmental cell*, 58(5), 348.

Nunomura S, et al. (2023) Periostin activates distinct modules of inflammation and itching downstream of the type 2 inflammation pathway. *Cell reports*, 42(1), 111933.

Cai Y, et al. (2023) Decoding aging-dependent regenerative decline across tissues at single-cell resolution. *Cell stem cell*, 30(12), 1674.

Castor-Macias JA, et al. (2023) Maresin 1 repletion improves muscle regeneration after

volumetric muscle loss. *eLife*, 12.

Milevskiy MJG, et al. (2023) Three-dimensional genome architecture coordinates key regulators of lineage specification in mammary epithelial cells. *Cell genomics*, 3(11), 100424.

Chen M, et al. (2023) Identification of an adipose tissue-resident pro-preadipocyte population. *Cell reports*, 42(5), 112440.

Li Y, et al. (2023) CCR4 and CCR7 differentially regulate thymocyte localization with distinct outcomes for central tolerance. *eLife*, 12.

Zhang F, et al. (2023) NFATc1 marks articular cartilage progenitors and negatively determines articular chondrocyte differentiation. *eLife*, 12.

Ferrao Blanco MN, et al. (2022) Intra-articular injection of triamcinolone acetonide sustains macrophage levels and aggravates osteophytosis during degenerative joint disease in mice. *British journal of pharmacology*, 179(11), 2771.

D'Amato G, et al. (2022) Endocardium-to-coronary artery differentiation during heart development and regeneration involves sequential roles of Bmp2 and Cxcl12/Cxcr4. *Developmental cell*, 57(22), 2517.

Lloyd-Lewis B, et al. (2022) In vivo imaging of mammary epithelial cell dynamics in response to lineage-biased Wnt/ $\beta$ -catenin activation. *Cell reports*, 38(10), 110461.

Hua Y, et al. (2022) Cancer immunotherapies transition endothelial cells into HEVs that generate TCF1<sup>+</sup> T lymphocyte niches through a feed-forward loop. *Cancer cell*, 40(12), 1600.

Yang D, et al. (2022) Lineage tracing reveals the phylodynamics, plasticity, and paths of tumor evolution. *Cell*, 185(11), 1905.

Hesse J, et al. (2021) Single-cell transcriptomics defines heterogeneity of epicardial cells and fibroblasts within the infarcted murine heart. *eLife*, 10.