

# Resource Summary Report

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## CD31 (PECAM-1) Monoclonal Antibody (390), PE-Cyanine7, eBioscience

RRID:AB\_2716949

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# 25-0311-82, RRID:AB\_2716949)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2716949](http://antibodyregistry.org/AB_2716949)

**Proper Citation:** (Thermo Fisher Scientific Cat# 25-0311-82, RRID:AB\_2716949)

**Target Antigen:** CD31 (PECAM-1)

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: Flow (0.5 µg/test)  
Consolidation on 3/2020: AB\_469615, AB\_469616

**Antibody Name:** CD31 (PECAM-1) Monoclonal Antibody (390), PE-Cyanine7, eBioscience

**Description:** This monoclonal targets CD31 (PECAM-1)

**Target Organism:** mouse

**Clone ID:** Clone 390

**Antibody ID:** AB\_2716949

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 25-0311-82

**Record Creation Time:** 20231110T044406+0000

**Record Last Update:** 20241115T081523+0000

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## Ratings and Alerts

No rating or validation information has been found for CD31 (PECAM-1) Monoclonal Antibody (390), PE-Cyanine7, eBioscience.

No alerts have been found for CD31 (PECAM-1) Monoclonal Antibody (390), PE-Cyanine7, eBioscience.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. *Developmental cell*, 59(3), 308.

Luan D, et al. (2023) Adipocyte-Secreted IL-6 Sensitizes Macrophages to IL-4 Signaling. *Diabetes*, 72(3), 367.

Niethamer TK, et al. (2023) Atf3 defines a population of pulmonary endothelial cells essential for lung regeneration. *eLife*, 12.

Arbaizar-Rovirosa M, et al. (2023) Transcriptomics and translomics identify a robust inflammatory gene signature in brain endothelial cells after ischemic stroke. *Journal of neuroinflammation*, 20(1), 207.

Becker M, et al. (2023) Regulatory T cells require IL6 receptor alpha signaling to control skeletal muscle function and regeneration. *Cell metabolism*, 35(10), 1736.

He T, et al. (2023) Suppression of preadipocyte determination by SOX4 limits white adipocyte hyperplasia in obesity. *iScience*, 26(4), 106289.

Saavedra-Peña RDM, et al. (2023) Estradiol cycling drives female obesogenic adipocyte hyperplasia. *Cell reports*, 42(4), 112390.

Yu M, et al. (2023) Integrative multi-omic profiling of adult mouse brain endothelial cells and potential implications in Alzheimer's disease. *Cell reports*, 42(11), 113392.

Yu QC, et al. (2022) Activation of Wnt/ $\beta$ -catenin signaling by Zeb1 in endothelial progenitors

induces vascular quiescence entry. *Cell reports*, 41(8), 111694.

Roy IM, et al. (2022) Inhibition of SRC-mediated integrin signaling in bone marrow niche enhances hematopoietic stem cell function. *iScience*, 25(10), 105171.

Janbandhu V, et al. (2022) Hif-1a suppresses ROS-induced proliferation of cardiac fibroblasts following myocardial infarction. *Cell stem cell*, 29(2), 281.

Xiong J, et al. (2022) Identification and characterization of innate lymphoid cells generated from pluripotent stem cells. *Cell reports*, 41(5), 111569.

Sá da Bandeira D, et al. (2022) PDGFR<sup>+</sup> cells play a dual role as hematopoietic precursors and niche cells during mouse ontogeny. *Cell reports*, 40(3), 111114.

Kinsella S, et al. (2021) Attenuation of apoptotic cell detection triggers thymic regeneration after damage. *Cell reports*, 37(1), 109789.

de Reuver R, et al. (2021) ADAR1 interaction with Z-RNA promotes editing of endogenous double-stranded RNA and prevents MDA5-dependent immune activation. *Cell reports*, 36(6), 109500.

Leung C, et al. (2020) Lgr5 Marks Adult Progenitor Cells Contributing to Skeletal Muscle Regeneration and Sarcoma Formation. *Cell reports*, 33(12), 108535.

Ballesteros I, et al. (2020) Co-option of Neutrophil Fates by Tissue Environments. *Cell*, 183(5), 1282.

Lou F, et al. (2020) Excessive Polyamine Generation in Keratinocytes Promotes Self-RNA Sensing by Dendritic Cells in Psoriasis. *Immunity*, 53(1), 204.

Evano B, et al. (2020) Dynamics of Asymmetric and Symmetric Divisions of Muscle Stem Cells In Vivo and on Artificial Niches. *Cell reports*, 30(10), 3195.

Jardé T, et al. (2020) Mesenchymal Niche-Derived Neuregulin-1 Drives Intestinal Stem Cell Proliferation and Regeneration of Damaged Epithelium. *Cell stem cell*, 27(4), 646.