

# Resource Summary Report

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## Alexa Fluor(R) 647 anti-mouse CD31

RRID:AB\_2161029

Type: Antibody

### Proper Citation

(BioLegend Cat# 102516, RRID:AB\_2161029)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2161029](http://antibodyregistry.org/AB_2161029)

**Proper Citation:** (BioLegend Cat# 102516, RRID:AB\_2161029)

**Target Antigen:** CD31

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC, 3D IHC, SB

**Antibody Name:** Alexa Fluor(R) 647 anti-mouse CD31

**Description:** This monoclonal targets CD31

**Target Organism:** mouse

**Clone ID:** Clone MEC13.3

**Antibody ID:** AB\_2161029

**Vendor:** BioLegend

**Catalog Number:** 102516

**Alternative Catalog Numbers:** 102515

**Record Creation Time:** 20231110T050041+0000

**Record Last Update:** 20241115T103934+0000

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## Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 647 anti-mouse CD31.

No alerts have been found for Alexa Fluor(R) 647 anti-mouse CD31.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Onder L, et al. (2024) Fibroblastic reticular cells generate protective intratumoral T cell environments in lung cancer. *Cell*.

Zou M, et al. (2024) Early-life vitamin A treatment rescues neonatal infection-induced durably impaired tolerogenic properties of celiac lymph nodes. *Cell reports*, 43(5), 114153.

Vercellino J, et al. (2024) Thrombopoietin mimetic stimulates bone marrow vascular and stromal niches to mitigate acute radiation syndrome. *Stem cell research & therapy*, 15(1), 123.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. *Cell*, 186(3), 607.

Abe S, et al. (2023) Hematopoietic cell-derived IL-15 supports NK cell development in scattered and clustered localization within the bone marrow. *Cell reports*, 42(9), 113127.

Reynoso GV, et al. (2023) Zika virus spreads through infection of lymph node-resident macrophages. *Cell reports*, 42(2), 112126.

Hao X, et al. (2023) Osteoprogenitor-GMP crosstalk underpins solid tumor-induced systemic immunosuppression and persists after tumor removal. *Cell stem cell*, 30(5), 648.

Ugur M, et al. (2023) Lymph node medulla regulates the spatiotemporal unfolding of resident dendritic cell networks. *Immunity*, 56(8), 1778.

Sakamoto K, et al. (2022) Flow cytometry analysis of the subpopulations of mouse keratinocytes and skin immune cells. *STAR protocols*, 3(1), 101052.

Sandovici I, et al. (2022) The imprinted Igf2-Igf2r axis is critical for matching placental microvasculature expansion to fetal growth. *Developmental cell*, 57(1), 63.

Foster DS, et al. (2022) Multiomic analysis reveals conservation of cancer-associated fibroblast phenotypes across species and tissue of origin. *Cancer cell*, 40(11), 1392.

Rodriguez AB, et al. (2022) Tumor necrosis factor receptor regulation of peripheral node addressin biosynthetic components in tumor endothelial cells. *Frontiers in immunology*, 13, 1009306.

Sandovici I, et al. (2022) Protocol to isolate and culture primary mouse fetoplacental endothelial cells. *STAR protocols*, 3(4), 101721.

Shannon JP, et al. (2021) Group 1 innate lymphoid-cell-derived interferon- $\gamma$  maintains antiviral vigilance in the mucosal epithelium. *Immunity*, 54(2), 276.

Neufert C, et al. (2021) Inducible mouse models of colon cancer for the analysis of sporadic and inflammation-driven tumor progression and lymph node metastasis. *Nature protocols*, 16(1), 61.

Friš?i? J, et al. (2021) The complement system drives local inflammatory tissue priming by metabolic reprogramming of synovial fibroblasts. *Immunity*, 54(5), 1002.

Devi S, et al. (2021) Adrenergic regulation of the vasculature impairs leukocyte interstitial migration and suppresses immune responses. *Immunity*, 54(6), 1219.

Stacy A, et al. (2021) Infection trains the host for microbiota-enhanced resistance to pathogens. *Cell*, 184(3), 615.

Wang C, et al. (2021) Reprogramming NK cells and macrophages via combined antibody and cytokine therapy primes tumors for elimination by checkpoint blockade. *Cell reports*, 37(8), 110021.

Sakamoto K, et al. (2021) Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. *Immunity*, 54(10), 2321.