

# Resource Summary Report

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## LYVE1 Monoclonal Antibody (ALY7), eFluor™ 660, eBioscience

RRID:AB\_10597449

Type: Antibody

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### Proper Citation

(Thermo Fisher Scientific Cat# 50-0443-82, RRID:AB\_10597449)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10597449](http://antibodyregistry.org/AB_10597449)

**Proper Citation:** (Thermo Fisher Scientific Cat# 50-0443-82, RRID:AB\_10597449)

**Target Antigen:** LYVE1

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: ICC/IF (1-10 µg/mL), IHC (F) (1-10 µg/mL), Flow (Assay-Dependent)

**Antibody Name:** LYVE1 Monoclonal Antibody (ALY7), eFluor™ 660, eBioscience

**Description:** This monoclonal targets LYVE1

**Target Organism:** mouse

**Clone ID:** Clone ALY7

**Defining Citation:** [PMID:15705793](#), [PMID:16219799](#), [PMID:19825936](#), [PMID:17287396](#), [PMID:19043576](#), [PMID:19170073](#), [PMID:18304521](#)

**Antibody ID:** AB\_10597449

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 50-0443-82

**Alternative Catalog Numbers:** 50-0443

**Record Creation Time:** 20231110T071407+0000

**Record Last Update:** 20241115T094828+0000

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## Ratings and Alerts

No rating or validation information has been found for LYVE1 Monoclonal Antibody (ALY7), eFluor™ 660, eBioscience.

No alerts have been found for LYVE1 Monoclonal Antibody (ALY7), eFluor™ 660, eBioscience.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Trzebanski S, et al. (2024) Classical monocyte ontogeny dictates their functions and fates as tissue macrophages. *Immunity*, 57(6), 1225.

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. *Cancer cell*, 42(8), 1415.

Bennett ZT, et al. (2024) Stepwise Ultra-pH-Sensitive Micelles Overcome a pKa Barrier for Systemic Lymph Node Delivery. *ACS nano*, 18(26), 16632.

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

Salvador AFM, et al. (2023) Age-dependent immune and lymphatic responses after spinal cord injury. *Neuron*, 111(14), 2155.

Niec RE, et al. (2022) Lymphatics act as a signaling hub to regulate intestinal stem cell activity. *Cell stem cell*, 29(7), 1067.

Saxena V, et al. (2022) Treg tissue stability depends on lymphotoxin beta-receptor- and adenosine-receptor-driven lymphatic endothelial cell responses. *Cell reports*, 39(3), 110727.

Rustenhoven J, et al. (2021) Functional characterization of the dural sinuses as a neuroimmune interface. *Cell*, 184(4), 1000.

Yu K, et al. (2021) Targeted delivery of regulatory macrophages to lymph nodes interferes with T cell priming by preventing the formation of stable immune synapses. *Cell reports*, 35(12), 109273.

Utz SG, et al. (2020) Early Fate Defines Microglia and Non-parenchymal Brain Macrophage Development. *Cell*, 181(3), 557.

Dahlgren MW, et al. (2019) Adventitial Stromal Cells Define Group 2 Innate Lymphoid Cell Tissue Niches. *Immunity*, 50(3), 707.

Amezcu Vesely MC, et al. (2019) Effector TH17 Cells Give Rise to Long-Lived TRM Cells that Are Essential for an Immediate Response against Bacterial Infection. *Cell*, 178(5), 1176.

Bonnardel J, et al. (2019) Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. *Immunity*, 51(4), 638.

Harding JS, et al. (2019) VEGF-A from Granuloma Macrophages Regulates Granulomatous Inflammation by a Non-angiogenic Pathway during Mycobacterial Infection. *Cell reports*, 27(7), 2119.

Mrdjen D, et al. (2018) High-Dimensional Single-Cell Mapping of Central Nervous System Immune Cells Reveals Distinct Myeloid Subsets in Health, Aging, and Disease. *Immunity*, 48(2), 380.

Lim HY, et al. (2018) Hyaluronan Receptor LYVE-1-Expressing Macrophages Maintain Arterial Tone through Hyaluronan-Mediated Regulation of Smooth Muscle Cell Collagen. *Immunity*, 49(2), 326.