

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Mouse CCL21/6Ckine Antibody

RRID:AB_2072083

Type: Antibody

Proper Citation

R and D Systems Cat# AF457, RRID:AB_2072083

Antibody Information

URL: http://antibodyregistry.org/AB_2072083

Proper Citation: R and D Systems Cat# AF457, RRID:AB_2072083

Target Antigen: CCL21/6Ckine

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Neutralization, Intracellular Staining by Flow Cytometry, CyTOF-ready

Antibody Name: Mouse CCL21/6Ckine Antibody

Description: This polyclonal targets CCL21/6Ckine

Target Organism: Mouse

Antibody ID: AB_2072083

Vendor: R and D Systems

Catalog Number: AF457

Alternative Catalog Numbers: AF457-SP

Record Creation Time: 20250820T015923+0000

Record Last Update: 20250820T122349+0000

Ratings and Alerts

No rating or validation information has been found for Mouse CCL21/6Ckine Antibody.

No alerts have been found for Mouse CCL21/6Ckine Antibody.

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](#) .

Zitti B, et al. (2026) Positioning and reversible suppression of CCR7+ dendritic cells in perivascular tumor niches shape cancer immunity. *Immunity*, 59(1), 161.

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

Balasubramanian R, et al. (2024) Transcriptomic profiling of Schlemm's canal cells reveals a lymphatic-biased identity and three major cell states. *eLife*, 13.

Vallecillo-García P, et al. (2023) A local subset of mesenchymal cells expressing the transcription factor *Osr1* orchestrates lymph node initiation. *Immunity*, 56(6), 1204.

Marcial-Juárez E, et al. (2023) Salmonella infection induces the reorganization of follicular dendritic cell networks concomitant with the failure to generate germinal centers. *iScience*, 26(4), 106310.

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

Fujie R, et al. (2023) Endogenous CCL21-Ser deficiency reduces B16-F10 melanoma growth by enhanced antitumor immunity. *Heliyon*, 9(8), e19215.

Ramachandran M, et al. (2023) Tailoring vascular phenotype through AAV therapy promotes anti-tumor immunity in glioma. *Cancer cell*, 41(6), 1134.

Lenti E, et al. (2022) Fate mapping and scRNA sequencing reveal origin and diversity of lymph node stromal precursors. *Immunity*, 55(4), 606.

Asrir A, et al. (2022) Tumor-associated high endothelial venules mediate lymphocyte entry into tumors and predict response to PD-1 plus CTLA-4 combination immunotherapy. *Cancer cell*, 40(3), 318.

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.

Menzel L, et al. (2021) Lymphocyte access to lymphoma is impaired by high endothelial venule regression. *Cell reports*, 37(4), 109878.

Chauveau A, et al. (2020) Visualization of T Cell Migration in the Spleen Reveals a Network of Perivascular Pathways that Guide Entry into T Zones. *Immunity*, 52(5), 794.

Engelbrecht E, et al. (2020) Sphingosine 1-phosphate-regulated transcriptomes in heterogenous arterial and lymphatic endothelium of the aorta. *eLife*, 9.

Simmons S, et al. (2019) High-endothelial cell-derived S1P regulates dendritic cell localization and vascular integrity in the lymph node. *eLife*, 8.

Kunz L, et al. (2019) A 3D Tissue-wide Digital Imaging Pipeline for Quantitation of Secreted Molecules Shows Absence of CXCL12 Gradients in Bone Marrow. *Cell stem cell*, 25(6), 846.

Veerman K, et al. (2019) Single-Cell Analysis Reveals Heterogeneity of High Endothelial Venues and Different Regulation of Genes Controlling Lymphocyte Entry to Lymph Nodes. *Cell reports*, 26(11), 3116.

Xue Y, et al. (2017) The Vascular Niche Regulates Hematopoietic Stem and Progenitor Cell Lodgment and Expansion via *klf6a-ccl25b*. *Developmental cell*, 42(4), 349.