Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

Mouse DLL4 Antibody

RRID:AB_354770
Type: Antibody

Proper Citation

R and D Systems Cat# AF1389, RRID:AB_354770

Antibody Information

URL: http://antibodyregistry.org/AB_354770

Proper Citation: R and D Systems Cat# AF1389, RRID:AB_354770

Target Antigen: DLL4

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Immunohistochemistry, Immunocytochemistry

Antibody Name: Mouse DLL4 Antibody

Description: This polyclonal targets DLL4

Target Organism: Mouse

Antibody ID: AB_354770

Vendor: R and D Systems

Catalog Number: AF1389

Alternative Catalog Numbers: AF1389-SP

Record Creation Time: 20250820T013732+0000

Record Last Update: 20250820T112539+0000

Ratings and Alerts

No rating or validation information has been found for Mouse DLL4 Antibody.

No alerts have been found for Mouse DLL4 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Watson LA, et al. (2026) Persistent and transient senescent cells contribute to brain-barrier development. Cell, 189(14), 4295.

Cwiek A, et al. (2026) Retinoic acid regulates fetoplacental vascularization via notch signaling and a SEMA3E/F-PLEXIND1 axis. iScience, 29(4), 115205.

Schwayer C, et al. (2026) Multiscale integration of tissue and chromatin context converts cell heterogeneity into stable intestinal patterning. Cell.

Mu Y, et al. (2025) Mechanical forces pattern endocardial Notch activation via mTORC2-PKC pathway. eLife, 13.

Sanketi BD, et al. (2024) Villus myofibroblasts are developmental and adult progenitors of mammalian gut lymphatic musculature. Developmental cell, 59(9), 1159.

Biswas S, et al. (2024) Glutamatergic neuronal activity regulates angiogenesis and blood-retinal barrier maturation via Norrin/??-catenin signaling. Neuron, 112(12), 1978.

Chen R, et al. (2024) Analyzing embryo dormancy at single-cell resolution reveals dynamic transcriptional responses and activation of integrin-Yap/Taz prosurvival signaling. Cell stem cell, 31(9), 1262.

Ren SY, et al. (2024) Growth hormone promotes myelin repair after chronic hypoxia via triggering pericyte-dependent angiogenesis. Neuron, 112(13), 2177.

Liang JH, et al. (2023) Dopamine signaling from ganglion cells directs layer-specific angiogenesis in the retina. Current biology : CB, 33(18), 3821.

Karreman MA, et al. (2023) Active Remodeling of Capillary Endothelium via Cancer Cell-Derived MMP9 Promotes Metastatic Brain Colonization. Cancer research, 83(8), 1299.

Hou Q, et al. (2022) Bacillus subtilis programs the differentiation of intestinal secretory lineages to inhibit Salmonella infection. Cell reports, 40(13), 111416.

Hankeova S, et al. (2022) Sex differences and risk factors for bleeding in Alagille syndrome. EMBO molecular medicine, 14(12), e15809.

Zarkada G, et al. (2021) Specialized endothelial tip cells guide neuroretina vascularization and blood-retina-barrier formation. Developmental cell, 56(15), 2237.

Warmke N, et al. (2021) Pericyte Insulin Receptors Modulate Retinal Vascular Remodeling and Endothelial Angiopoietin Signaling. Endocrinology, 162(11).

Azzoni E, et al. (2021) The onset of circulation triggers a metabolic switch required for endothelial to hematopoietic transition. Cell reports, 37(11), 110103.

Govindasamy N, et al. (2021) 3D biomimetic platform reveals the first interactions of the embryo and the maternal blood vessels. Developmental cell, 56(23), 3276.

Seidman JS, et al. (2020) Niche-Specific Reprogramming of Epigenetic Landscapes Drives Myeloid Cell Diversity in Nonalcoholic Steatohepatitis. Immunity, 52(6), 1057.

Tveriakhina L, et al. (2018) The ectodomains determine ligand function in vivo and selectivity of DLL1 and DLL4 toward NOTCH1 and NOTCH2 in vitro. eLife, 7.

Chu M, et al. (2016) Angiopoietin receptor Tie2 is required for vein specification and maintenance via regulating COUP-TFII. eLife, 5.