

# Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

## Mouse DLL4 Antibody

RRID:AB\_354770

Type: Antibody

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### Proper Citation

R and D Systems Cat# AF1389, RRID:AB\_354770

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_354770](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:** 20250819T225121+0000

**Record Last Update:** 20250820T033054+0000

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### 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 16 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [RRID](#) .

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

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

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

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.

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

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

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.