

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Rabbit Anti-Mouse COLLAGEN IV Polyclonal antibody, Unconjugated

RRID:AB_2082660

Type: Antibody

Proper Citation

(Bio-Rad Cat# 2150-1470, RRID:AB_2082660)

Antibody Information

URL: http://antibodyregistry.org/AB_2082660

Proper Citation: (Bio-Rad Cat# 2150-1470, RRID:AB_2082660)

Target Antigen: Mouse COLLAGEN IV

Host Organism: rabbit

Clonality: polyclonal

Comments: manufacturer recommendations: ELISA; Immunofluorescence; Immunohistochemistry; Immunohistology - Paraffin, Immunofluorescence, ELISA

Antibody Name: Rabbit Anti-Mouse COLLAGEN IV Polyclonal antibody, Unconjugated

Description: This polyclonal targets Mouse COLLAGEN IV

Target Organism: mouse

Antibody ID: AB_2082660

Vendor: Bio-Rad

Catalog Number: 2150-1470

Record Creation Time: 20260218T235211+0000

Record Last Update: 20260226T001429+0000

Ratings and Alerts

No rating or validation information has been found for Rabbit Anti-Mouse COLLAGEN IV Polyclonal antibody, Unconjugated.

No alerts have been found for Rabbit Anti-Mouse COLLAGEN IV Polyclonal antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Van Hove H, et al. (2025) Interleukin-34-dependent perivascular macrophages promote vascular function in the brain. *Immunity*, 58(5), 1289.

Monticelli S, et al. (2024) Early-wave macrophages control late hematopoiesis. *Developmental cell*, 59(10), 1284.

Huycke TR, et al. (2024) Patterning and folding of intestinal villi by active mesenchymal dewetting. *Cell*, 187(12), 3072.

Hoffmann H, et al. (2024) Normalization of Snai1-mediated vessel dysfunction increases drug response in cancer. *Oncogene*, 43(35), 2661.

Gan S, et al. (2024) Distinct tumor architectures and microenvironments for the initiation of breast cancer metastasis in the brain. *Cancer cell*, 42(10), 1693.

Cater RJ, et al. (2024) Structural and molecular basis of choline uptake into the brain by FLVCR2. *Nature*, 629(8012), 704.

Wilk CM, et al. (2023) Circulating senescent myeloid cells infiltrate the brain and cause neurodegeneration in histiocytic disorders. *Immunity*, 56(12), 2790.

Gesuita L, et al. (2022) Microglia contribute to the postnatal development of cortical somatostatin-positive inhibitory cells and to whisker-evoked cortical activity. *Cell reports*, 40(7), 111209.

H??sli L, et al. (2022) Direct vascular contact is a hallmark of cerebral astrocytes. *Cell reports*, 39(1), 110599.

Maderna C, et al. (2022) A murine model of cerebral cavernous malformations with acute hemorrhage. *iScience*, 25(3), 103943.

Cole JD, et al. (2022) Characterization of the neurogenic niche in the aging dentate gyrus using iterative immunofluorescence imaging. *eLife*, 11.

- Ando K, et al. (2022) KCNJ8/ABCC9-containing K-ATP channel modulates brain vascular smooth muscle development and neurovascular coupling. *Developmental cell*, 57(11), 1383.
- Ayloo S, et al. (2022) Pericyte-to-endothelial cell signaling via vitronectin-integrin regulates blood-CNS barrier. *Neuron*, 110(10), 1641.
- Warmke N, et al. (2021) Pericyte Insulin Receptors Modulate Retinal Vascular Remodeling and Endothelial Angiopoietin Signaling. *Endocrinology*, 162(11).
- Walker AMN, et al. (2021) Endothelial Insulin Receptors Promote VEGF-A Signaling via ERK1/2 and Sprouting Angiogenesis. *Endocrinology*, 162(8).
- Honig MG, et al. (2021) Progressive long-term spatial memory loss following repeat concussive and subconcussive brain injury in mice, associated with dorsal hippocampal neuron loss, microglial phenotype shift, and vascular abnormalities. *The European journal of neuroscience*, 54(5), 5844.
- Sivaraj KK, et al. (2021) Regional specialization and fate specification of bone stromal cells in skeletal development. *Cell reports*, 36(2), 109352.
- Utz SG, et al. (2020) Early Fate Defines Microglia and Non-parenchymal Brain Macrophage Development. *Cell*, 181(3), 557.
- Roth M, et al. (2020) Parenchymal pericytes are not the major contributor of extracellular matrix in the fibrotic scar after stroke in male mice. *Journal of neuroscience research*, 98(5), 826.
- Yanagida K, et al. (2020) Sphingosine 1-Phosphate Receptor Signaling Establishes AP-1 Gradients to Allow for Retinal Endothelial Cell Specialization. *Developmental cell*, 52(6), 779.