

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 28, 2025

Phospho-VEGF Receptor 2 (Tyr1175) (19A10)

RRID:AB_331377

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2478, RRID:AB_331377)

Antibody Information

URL: http://antibodyregistry.org/AB_331377

Proper Citation: (Cell Signaling Technology Cat# 2478, RRID:AB_331377)

Target Antigen: Phospho-VEGF Receptor 2 (Tyr1175)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-IC. Consolidation: AB_331378.

Antibody Name: Phospho-VEGF Receptor 2 (Tyr1175) (19A10)

Description: This monoclonal targets Phospho-VEGF Receptor 2 (Tyr1175)

Target Organism: mouse, human

Clone ID: 19A10

Antibody ID: AB_331377

Vendor: Cell Signaling Technology

Catalog Number: 2478

Alternative Catalog Numbers: 2478T, 2478S, 2478L, 2478P

Record Creation Time: 20231110T044857+0000

Record Last Update: 20241114T234245+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-VEGF Receptor 2 (Tyr1175) (19A10).

No alerts have been found for Phospho-VEGF Receptor 2 (Tyr1175) (19A10).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Wong NKP, et al. (2024) TRIM2 Selectively Regulates Inflammation-Driven Pathological Angiogenesis without Affecting Physiological Hypoxia-Mediated Angiogenesis. International journal of molecular sciences, 25(6).

Zuo B, et al. (2024) Endothelial Slc35a1 Deficiency Causes Loss of LSEC Identity and Exacerbates Neonatal Lipid Deposition in the Liver in Mice. Cellular and molecular gastroenterology and hepatology, 17(6), 1039.

Sunshine HL, et al. (2024) Endothelial Jagged1 levels and distribution are post-transcriptionally controlled by ZFP36 decay proteins. Cell reports, 43(1), 113627.

Luckett T, et al. (2024) Mesothelin Secretion by Pancreatic Cancer Cells Co-opts Macrophages and Promotes Metastasis. Cancer research, 84(4), 527.

Simkin J, et al. (2024) Tissue-resident macrophages specifically express Lactotransferrin and Vegfc during ear pinna regeneration in spiny mice. Developmental cell, 59(4), 496.

Kang DH, et al. (2023) Blood flow patterns switch VEGFR2 activity through differential S-nitrosylation and S-oxidation. Cell reports, 42(11), 113361.

Yu B, et al. (2023) Glycolytic enzyme PFKFB3 regulates sphingosine 1-phosphate receptor 1 in proangiogenic glomerular endothelial cells under diabetic condition. American journal of physiology. Cell physiology, 325(5), C1354.

Jannaway M, et al. (2023) VEGFR3 is required for button junction formation in lymphatic vessels. Cell reports, 42(7), 112777.

Luo J, et al. (2023) Nuclear translocation of cGAS orchestrates VEGF-A-mediated angiogenesis. Cell reports, 42(4), 112328.

Lee Q, et al. (2023) End binding-3 inhibitor activates regenerative program in age-related macular degeneration. *Cell reports. Medicine*, 4(10), 101223.

Fu T, et al. (2023) Mechanotransduction via endothelial adhesion molecule CD31 initiates transmigration and reveals a role for VEGFR2 in diapedesis. *Immunity*, 56(10), 2311.

Ge X, et al. (2022) Fumarate inhibits PTEN to promote tumorigenesis and therapeutic resistance of type2 papillary renal cell carcinoma. *Molecular cell*, 82(7), 1249.

Benwell CJ, et al. (2022) Endothelial VEGFR Coreceptors Neuropilin-1 and Neuropilin-2 Are Essential for Tumor Angiogenesis. *Cancer research communications*, 2(12), 1626.

Synn CB, et al. (2022) SKI-G-801, an AXL kinase inhibitor, blocks metastasis through inducing anti-tumor immune responses and potentiates anti-PD-1 therapy in mouse cancer models. *Clinical & translational immunology*, 11(1), e1364.

Oberkersch RE, et al. (2022) Aspartate metabolism in endothelial cells activates the mTORC1 pathway to initiate translation during angiogenesis. *Developmental cell*, 57(10), 1241.

Bhowmick S, et al. (2021) Intercellular Adhesion Molecule-1-Induced Posttraumatic Brain Injury Neuropathology in the Prefrontal Cortex and Hippocampus Leads to Sensorimotor Function Deficits and Psychological Stress. *eNeuro*, 8(4).

Richards M, et al. (2021) Intra-vessel heterogeneity establishes enhanced sites of macromolecular leakage downstream of laminin γ 5. *Cell reports*, 35(12), 109268.

Wang Y, et al. (2021) Dissecting VEGF-induced acute versus chronic vascular hyperpermeability: Essential roles of dimethylarginine dimethylaminohydrolase-1. *iScience*, 24(10), 103189.

Martin L, et al. (2021) VEGF counteracts amyloid- β -induced synaptic dysfunction. *Cell reports*, 35(6), 109121.

Schimmel L, et al. (2020) c-Src controls stability of sprouting blood vessels in the developing retina independently of cell-cell adhesion through focal adhesion assembly. *Development (Cambridge, England)*, 147(7).