

# Resource Summary Report

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## VEGF antibody

RRID:AB\_2212642

Type: Antibody

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### Proper Citation

(Abcam Cat# ab46154, RRID:AB\_2212642)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2212642](http://antibodyregistry.org/AB_2212642)

**Proper Citation:** (Abcam Cat# ab46154, RRID:AB\_2212642)

**Target Antigen:** Human VEGF

**Host Organism:** rabbit

**Clonality:** polyclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Western Blot; Immunocytochemistry/Immunofluorescence, Immunohistochemistry-P, Western Blot

**Antibody Name:** VEGF antibody

**Description:** This polyclonal targets Human VEGF

**Target Organism:** mouse, human

**Antibody ID:** AB\_2212642

**Vendor:** Abcam

**Catalog Number:** ab46154

**Record Creation Time:** 20231110T042755+0000

**Record Last Update:** 20241115T032930+0000

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## Ratings and Alerts

No rating or validation information has been found for VEGF antibody.

No alerts have been found for VEGF antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Zhu S, et al. (2024) Integrating Network Pharmacology and Experimental Verification to Explore the Pharmacological Mechanisms of Radix Paeoniae Rubra Against Glioma. *Applied biochemistry and biotechnology*.

Wang K, et al. (2024) The protective effects of Axitinib on blood-brain barrier dysfunction and ischemia-reperfusion injury in acute ischemic stroke. *Experimental neurology*, 379, 114870.

Yang K, et al. (2024) SGMS1 facilitates osteogenic differentiation of MSCs and strengthens osteogenesis-angiogenesis coupling by modulating Cer/PP2A/Akt pathway. *iScience*, 27(4), 109358.

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).

Dusing M, et al. (2023) Neurovascular Development in Pten and Tsc2 Mouse Mutants. *eNeuro*, 10(2).

Mao Q, et al. (2023) Murine trophoblast organoids as a model for trophoblast development and CRISPR-Cas9 screening. *Developmental cell*, 58(24), 2992.

de Castro Roston JR, et al. (2023) Evaluation of the tissue repair process and immunomodulatory action of Platelet-Rich Plasma (PRP) in the treatment of abdominal stretch marks. *Tissue & cell*, 83, 102132.

Yung HW, et al. (2023) Perturbation of placental protein glycosylation by endoplasmic reticulum stress promotes maladaptation of maternal hepatic glucose metabolism. *iScience*, 26(1), 105911.

Born LJ, et al. (2022) HOTAIR-Loaded Mesenchymal Stem/Stromal Cell Extracellular Vesicles Enhance Angiogenesis and Wound Healing. *Advanced healthcare materials*, 11(5),

e2002070.

Hang X, et al. (2022) BCL-2 isoform  $\delta$  promotes angiogenesis by TRiC-mediated upregulation of VEGF-A in lymphoma. *Oncogene*, 41(28), 3655.

Olesen K, et al. (2021) Spatiotemporal extracellular matrix modeling for in situ cell niche studies. *Stem cells (Dayton, Ohio)*, 39(12), 1751.

Ma S, et al. (2021) CD63-mediated cloaking of VEGF in small extracellular vesicles contributes to anti-VEGF therapy resistance. *Cell reports*, 36(7), 109549.

Rüdiger D, et al. (2020) Cell-Based Strain Remodeling of a Nonfibrous Matrix as an Organizing Principle for Vasculogenesis. *Cell reports*, 32(6), 108015.

Hien TT, et al. (2020) Bladder cancer therapy without toxicity-A dose-escalation study of alpha1-oleate. *International journal of cancer*, 147(9), 2479.

Jung KI, et al. (2020) Intraocular pressure fluctuation and neurodegeneration in the diabetic rat retina. *British journal of pharmacology*, 177(13), 3046.

Sasaki R, et al. (2020) Direct arterial damage and neurovascular unit disruption by mechanical thrombectomy in a rat stroke model. *Journal of neuroscience research*, 98(10), 2018.

Wang Y, et al. (2020) Ablation of Ephrin B2 in Col2 Expressing Cells Delays Fracture Repair. *Endocrinology*, 161(12).

Yang X, et al. (2020) CSF1R blockade induces macrophage ablation and results in mouse choroidal vascular atrophy and RPE disorganization. *eLife*, 9.

Jing L, et al. (2020) Protective effects of two novel nitronyl nitroxide radicals on heart failure induced by hypobaric hypoxia. *Life sciences*, 248, 116481.

Njah K, et al. (2019) A Role of Agrin in Maintaining the Stability of Vascular Endothelial Growth Factor Receptor-2 during Tumor Angiogenesis. *Cell reports*, 28(4), 949.