

Resource Summary Report

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eNOS/NOS Type III

RRID:AB_397691

Type: Antibody

Proper Citation

BD Biosciences Cat# 610297, RRID:AB_397691

Antibody Information

URL: http://antibodyregistry.org/AB_397691

Proper Citation: BD Biosciences Cat# 610297, RRID:AB_397691

Target Antigen: ND

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western blot

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: eNOS/NOS Type III

Description: This monoclonal targets ND

Target Organism: rat, mouse, human

Antibody ID: AB_397691

Vendor: BD Biosciences

Catalog Number: 610297

Record Creation Time: 20250819T231628+0000

Record Last Update: 20250820T045015+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for eNOS/NOS Type III.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Allerkamp HH, et al. (2025) In vitro examination of Piezo1-TRPV4 dynamics: implications for placental endothelial function in normal and preeclamptic pregnancies. American journal of physiology. Cell physiology, 328(1), C227.

d'Uscio LV, et al. (2025) Expression and function of α -site amyloid precursor protein-cleaving enzyme 2 in vascular endothelium. American journal of physiology. Heart and circulatory physiology, 329(2), H291.

Lin YT, et al. (2024) Targeting acetylated high mobility group box 1 protein (HMGB1) and toll-like receptor (TLR4) interaction to alleviate hypertension and neuroinflammation in fructose-fed rats. British journal of pharmacology.

Erkens R, et al. (2024) Inhibition of proline-rich tyrosine kinase 2 restores cardioprotection by remote ischaemic preconditioning in type 2 diabetes. British journal of pharmacology, 181(21), 4174.

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).

Hu G, et al. (2023) Impacts of High Fructose Diet and Chronic Exercise on Nitric Oxide Synthase and Oxidative Stress in Rat Kidney. Nutrients, 15(10).

Habibi J, et al. (2023) Endothelial MRs Mediate Western Diet-Induced Lipid Disorders and Skeletal Muscle Insulin Resistance in Females. Endocrinology, 164(7).

Kuo A, et al. (2022) Murine endothelial serine palmitoyltransferase 1 (SPTLC1) is required for vascular development and systemic sphingolipid homeostasis. eLife, 11.

Hula N, et al. (2022) The Long-Term Effects of Prenatal Hypoxia on Coronary Artery Function of the Male and Female Offspring. *Biomedicines*, 10(12).

Lopez M, et al. (2022) Endothelial deletion of the cytochrome P450 reductase leads to cardiac remodelling. *Frontiers in physiology*, 13, 1056369.

Zhang X, et al. (2021) Inhibition of HSP90 S-nitrosylation alleviates cardiac fibrosis via TGF β /SMAD3 signalling pathway. *British journal of pharmacology*, 178(23), 4608.

Sasahara T, et al. (2021) Alzheimer's A β assembly binds sodium pump and blocks endothelial NOS activity via ROS-PKC pathway in brain vascular endothelial cells. *iScience*, 24(9), 102936.

Favre J, et al. (2021) Membrane estrogen receptor alpha (ER α) participates in flow-mediated dilation in a ligand-independent manner. *eLife*, 10.

Albrecht ED, et al. (2021) Maternal systemic vascular dysfunction in a primate model of defective uterine spiral artery remodeling. *American journal of physiology. Heart and circulatory physiology*, 320(4), H1712.

Chen H, et al. (2019) Acute activation of endothelial AMPK surprisingly inhibits endothelium-dependent hyperpolarization-like relaxations in rat mesenteric arteries. *British journal of pharmacology*, 176(16), 2905.

Lotteau S, et al. (2019) A Mechanism for Statin-Induced Susceptibility to Myopathy. *JACC. Basic to translational science*, 4(4), 509.

Hu B, et al. (2016) Epigenetic Activation of WNT5A Drives Glioblastoma Stem Cell Differentiation and Invasive Growth. *Cell*, 167(5), 1281.