www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-eNOS Antibody

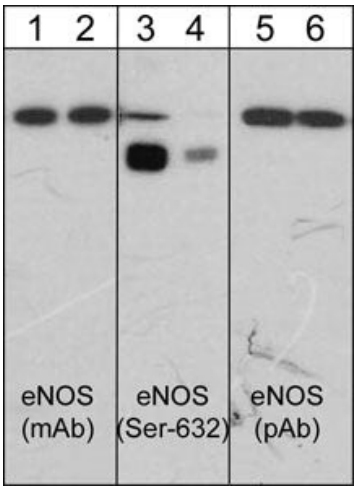
phosphosolutions ANTIBODIES THAT WORK

Product Details

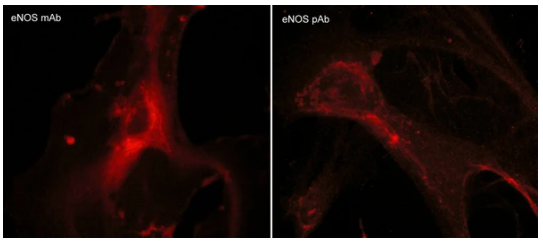
Available Variants	100 µL (SKU:NP2281)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	NOS3
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:100 ICC: 1:50
Species Reactivity	Human, Mouse, Rat
Immunogen	This antibody was generated from a recombinant mouse eNOS protein that included amino acids residues in the C-terminal region. This sequence is conserved in human and rat eNOS, and has low homology to other NOS family member
Specificity	The antibody detects a 140 kDa* protein corresponding to eNOS on SDS-PAGE immunoblots of human umbilical vein endothelial cells.
Molecular Weight	140
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.

UniProt ID	P70313 UniProt Summary: Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	18127

Product Images



Western blot analysis of human umbilical vein endothelial cells before (lanes 1, 3, 5) and after (lanes 2, 4, 6) treatment with lambda phosphatase. The blots were probed with anti-endothelial Nitric Oxide Synthase (eNOS) monoclonal antibody (lanes 1 & 2), anti-eNOS (Ser-632) phospho-specific antibody (lanes 3 & 4), and anti-eNOS polyclonal antibody (lanes 5 & 6).



Immunocytochemical labeling of endothelial nitric oxide synthase (eNOS) in paraformaldehyde-fixed and NP-40-permeabilized human umbilical vein endothelial cells. The cells were labeled with mouse monoclonal eNOS (NM2211) and rabbit polyclonal eNOS (NP2281) antibodies, then the antibodies were detected using appropriate secondary antibodies conjugated to Cy3.



Created on 20. November 2026 | All information without guarantee