

Product Datasheet

eNOS (2E8) Mouse mAb

Catalog No: AB3537

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P29474

All Names: NOS3; Nitric oxide synthase; endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

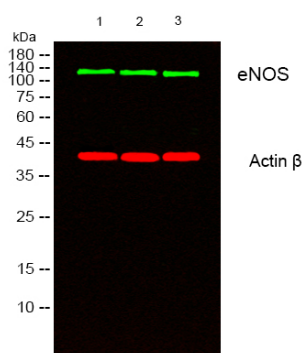
Molecular Wt.: 133kDa

Application

WB: 1/500-1/1000

Background

Swiss-Prot Acc.P29474. 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. Isoform eNOS13C: Lacks eNOS activity, dominant-negative form that may down-regulate eNOS activity by forming heterodimers with isoform 1.



Western blot analysis of eNOS (2E8) in Rat Heart, huvec, Jurkat lysates using (Green) eNOS (2E8) antibody.

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