

Product Name: eNOS (2E8) Mouse Monoclonal Antibody
Catalog #: AMM03877

Summary

Production Name	eNOS (2E8) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	NOS3
Alternative Names	NOS3; Nitric oxide synthase; endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII
Gene ID	4846
SwissProt ID	P29474

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 133 kDa; Observed MW: 133 kDa

Background

Product Name: eNOS (2E8) Mouse Monoclonal Antibody
Catalog #: AMM03877

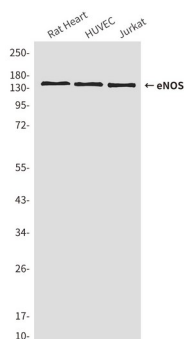


Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets. Isoform eNOS13C: Lacks eNOS activity, dominant-negative form that may down-regulate eNOS activity by forming heterodimers with isoform 1.

Research Area

Neuroscience

Image Data



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

Note

For research use only.