

Anti-eNOS Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M012314

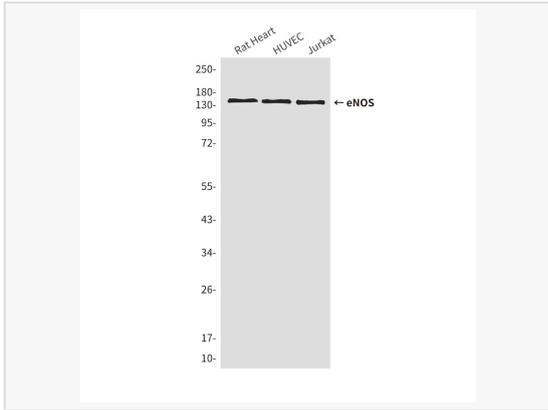
Product Information

Application	WB, ELISA
Reactivity	Mouse (Cell), Rat, Human
Dilution	WB 1:500~1:1,000
Host	Mouse
Clonality	Monoclonal
Clone No.	11M26M55
Isotype	IgG1
Label	Unconjugated
Immunogen	Recombinant Protein of eNOS
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-eNOS antibody [11M26M55] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	NOS3, Nitric oxide synthase, endothelial, Constitutive NOS, cNOS, EC-NOS, Endothelial NOS, eNOS, NOS type III, NOSIII.
Calculated MW	Calculated MW: 133 kDa; Observed MW: 133 kDa
Uniprot ID	P29474
Gene ID	4846
Background	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.

Validation Images



Western blot analysis of eNOS in rat Heart, huvec , Jurkat lysates using eNOS antibody [11M26M55].