



eNOS (Phospho Ser114) mouse mAb

(EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Immunogen Synthesized peptide derived from human eNOS (Phospho Ser114) Specificity This antibody detects endogenous levels of eNOS (Phospho Ser114) Mous mAb at Human, Mouse, Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Mouse, Monoclonal Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Nitric oxide synthase, endothelial (EC 1.14.13.39) (Constitutive NOS) (cNOS (EC-NOS) (Endothelial NOS) (eNOS) (NOS type III) (NOSIII) Observed Band 130kD Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi appara Specifically associates with actin cytoskeleton in the G2 phase of the cell cyc which is favored by interaction with NOSIP and results in a reduced enzymat activity. Tissue Specificity Platelets, placenta, liver and kidney. Function catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric o + n NADF(+), cofactor:Binds 1 FAD, cofactor:Heme group.,cofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of enzyme, enzyme regulation:Stimulated by calcium/calmodulin. Inhibited by NOSIP and NOSTRN. function:Produces nitr		
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angiogenesis in coronary vessels and promotes blood clotting through the	Function	catalytic activity:L-arginine + n NADPH + n H(+) + m O(2) = citrulline + nitric oxide + n NADP(+).,cofactor:Binds 1 FAD.,cofactor:Binds 1 FMN.,cofactor:Heme groupcofactor:Tetrahydrobiopterin (BH4). May stabilize the dimeric form of the

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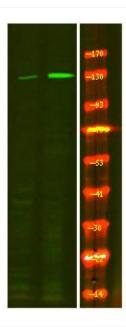
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	activation of platelets.,online information:Nitric oxide synthase entry,polymorphism:Variation in NOS3 seem to be associated with susceptibility to coronary spasm.,similarity:Belongs to the NOS family.,similarity:Contains 1 FAD-binding FR-type domain.,similarity:Contains 1 flavodoxin-like
Background	nitric oxide synthase 3(NOS3) Homo sapiens Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated with susceptibility to coronary spasm. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using eNOS (Phospho Ser114) mouse mAb

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