

eNOS (6H2) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252928

Unit: 0.1 ml

Description:

eNOS (Endothelial NOS) is a nitric oxide synthase enzyme, part of the Nitric oxide pathway. Nitric oxide synthases (NOS) are enzymes that catalyze the generation of nitric oxide (NO) from L-arginine and require nicotinamide adenine dinucleotide phosphate (NADPH) as a cofactor. At least three isoforms of NOS have been identified: neuronal NOS (nNOS), endothelial NOS (eNOS), and inducible NOS (iNOS). NOS-3 (eNOS, endothelial NOS) produces 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.

Isotype: Mouse IgG1

Applications: E, IHC

Species Reactivity: H

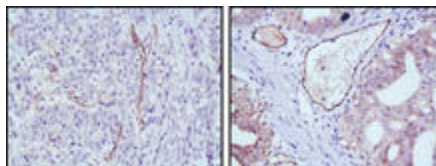
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: NOS-3; eNOS; Endothelial NOS; Nitric oxide synthase, endothelial; EC-NOS; NOS type III; NOSIII; Constitutive NOS; cNOS; NOS3

Accession No.: P29474

Antigen: Purified recombinant fragment of human eNOS expressed in *E. coli*.

Application Notes: E: 1:1000-1:10000; IHC: 1:200-1:1000



eNOS staining of formalin-fixed paraffin-embedded human stomach cancer (left) and ovary cancer (right) tissues using eNOS (6H2) Antibody (Cat. No. 252928) with DAB staining.

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.