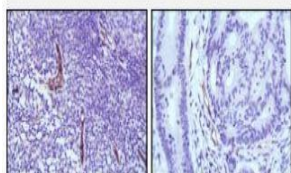


NOS3 Monoclonal Antibody

Catalog No.	IMB0069
Reactivity	Human
Applications	IHC-p; ELISA
Gene Name	NOS3
Protein Name	Nitric oxide synthase, endothelial
Human Gene Id	4846
Swiss-Prot	P29474
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Dilution	IHC: 1:200-1:1000 ELISA: 1:10000
Purification	Affinity purification
Concentration	-
Storage & Stability	-20°C/1 year
Background	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],
Subcellular Location.	Cell membrane. Membrane, caveola. Cytoplasm, cytoskeleton. Golgi apparatus. Specifically associates with actin cytoskeleton in the G2 phase of the cell cycle; which is favored by interaction with NOSIP and results in a reduced enzymatic activity.
Biological MW	-

Products Images:



Immunohistochemistry analysis of paraffin-embedded human lymph node (left) and colon cancer (right) tissues with DAB staining using NOS3 Monoclonal Antibody.