Product Name: eNOS Mouse Monoclonal Antibody
Catalog #: AMM80779
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	133kDa

Antigen Information

Gene Name	eNOS
Alternative Names	ECNOS; NOS3
Gene ID	4846.0
SwissProt ID	P29474
Immunogen	Purified recombinant fragment of human eNOS expressed in E. Coli.

Background

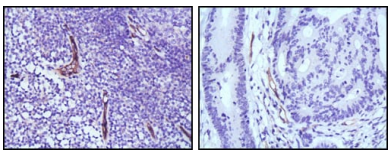
Endothelial nitric-oxide synthase (eNOS), also known as NOS3, it is an important enzyme in the cardiovascular system. It is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. Nitric oxide is synthesized from L-arginine by nitric oxide synthases. Variations in this gene are associated

with susceptibility to coronary spasm.

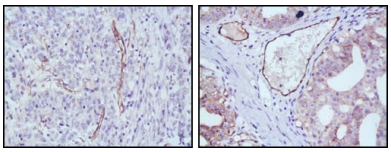
Research Area

PI3K-Akt signaling pathway

Image Data



Immunohistochemical analysis of paraffin-embedded human lymph node (left) and colon cancer (right) tissues using eNOS mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer (left) and ovary cancer (right) tissues using eNOS mouse mAb with DAB staining.