



ENOS Mouse Monoclonal Antibody

E10-20397

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.

Catalog Number: E10-20397

Amount: 100µg/100µl

Clone Number: 6H2

Species: Mouse IgG1

MW: 133kDa

Aliases: ECNOS; NOS3

Entrez Gene: 4846

Immunogen: Purified recombinant fragment of human eNOS expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at -20 °C

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: IHC,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: IHC. 1/200 - 1/1000.ELISA. Propose dilution 1/10000.

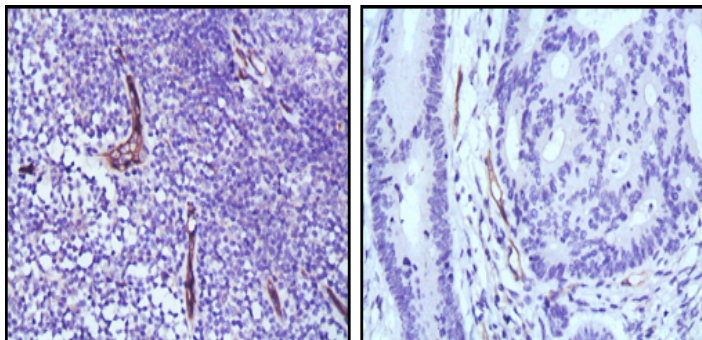


Figure 1. Immunohistochemical analysis of paraffin-embedded human lymph node (left) and colon cancer (right) tissues using eNOS mouse mAb with DAB staining.

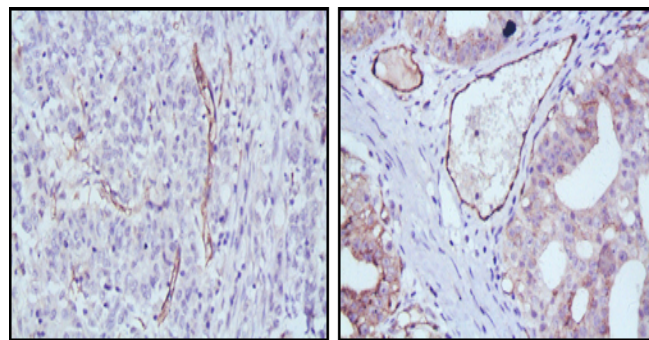


Figure 2. Immunohistochemical analysis of paraffin-embedded human stomach cancer (left) and ovary cancer (right) tissues using eNOS mouse mAb with DAB staining.