

Product Specification Sheet

Cat. #MA-20397

Mouse Monoclonal Anti Human Endothelial nitric-oxide synthase (eNOS); Ascites

SIZE : 100 ul

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.

Source of Antigen and Antibodies

Antigen	Purified recombinant fragment of Enos expressed in E. Coli.
Ab Host/type	Balb/c mouse. IgG1 Ascetic fluid containing 0.05% sodium azide.
2-Ab	Goat Anti-mouse IgG-HRP conjugate Cat # 40320 (AP, biotin, FITC conjugates also available)
-ve control IgG	Cat # 20008-1, Mouse (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as -ve control

Isotype controls:

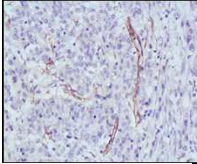
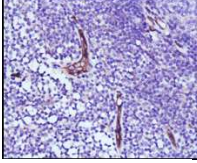
Catalog#	Product Description
20102-101	Mouse IgG1 isotype control, purified
20102-101-APC	Mouse IgG1-APC conjugate (isotype)
20102-101-B	Mouse IgG1-Biotin conjugate (isotype)
20102-101-F	Mouse IgG1-FITC conjugate (isotype)
20102-101-FP	Mouse IgG1-FITC-PE conjugate (isotype)
20102-101-HP	Mouse IgG1-HRP conjugate (isotype)
20102-101-PC5	Mouse IgG1-PE-Cy5 conjugate (isotype)
20102-101-PE	Mouse IgG1-PE conjugate (isotype control)

Suggested Dilutions:

Western blot	N/A
Immunohistochemistry (IHC):	1:200 - 1:1000
Immunocytochemistry (ICC):	N/A
Flow cytometry (FCM):	N/A
ELISA	1:5000 – 1:100000

Form: Antibodies are supplied in PBS, pH 7.5, 0.05% azide and 0.1% BSA in liquid (0.5-1 mg/ml) or lyophilized in the same buffer. Reconstitute powder in 100 ul water or PBS. Store at -20°C or below is suitable size Aliquots.

Shipping: 4°C for solutions and room temp for powder.

<p>Immunohistochemical analysis</p> 	<p>Figure 2: Immunohistochemical analysis of paraffin-embedded human stomach cancer (left) and ovary cancer (right) tissues using eNOS mouse mAb with DAB staining.</p>
<p>Immunohistochemical analysis</p> 	<p>Figure 1: Immunohistochemical analysis of paraffin-embedded human lymph node (left) and colon cancer (right) tissues using eNOS mouse mAb with DAB staining.</p>

References:

Nature. 1999; 399(6736):601-5. Oncol Rep. 2004; 12(5):1007-11.

**All products are for In vitro research use only.*

Related material available from ADI

MA-20397

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