

## NOS3 Monoclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-MCA0948
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Size</b>	50ul, 100ul
<b>Immunogen</b>	Purified recombinant fragment of human NOS3 expressed in E. Coli.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	IHC-p, IF, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Nitric oxide synthase, endothelial
<b>Synonyms</b>	NOS3; Nitric oxide synthase; endothelial; Constitutive NOS; cNOS; EC-NOS; Endothelial NOS; eNOS; NOS type III; NOSIII

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

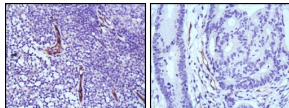
### Recommended Dilution

ELISA: 1:10000

IHC: 1:200 - 1:1000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for one year

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