

## Product datasheet for **AM20482SU-N**

### eNOS (NOS3) Mouse Monoclonal Antibody [Clone ID: 6H2]

#### Product data:

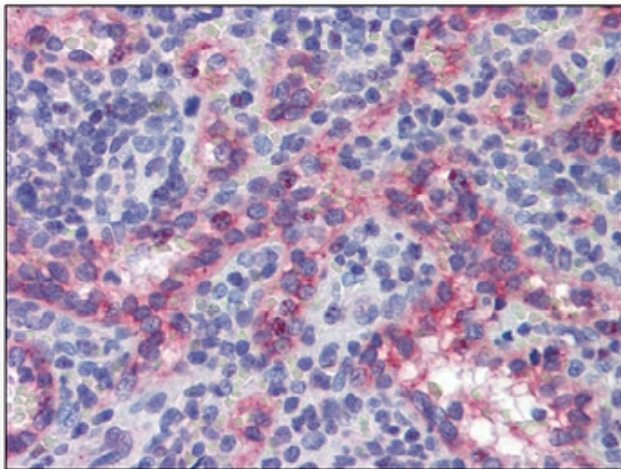
Product Type:	Primary Antibodies
Clone Name:	6H2
Applications:	ELISA, IHC
Recommended Dilution:	<b>ELISA:</b> 1/10000. <b>Immunohistochemistry on Paraffin Sections:</b> 1/100 - 1/200.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human eNOS expressed in E. Coli.
Specificity:	Recognizes Nitric Oxide Synthase 3 (NOS3).
Formulation:	State: Ascites State: Ascites fluid containing 0.03% Sodium Azide as preservative
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nitric oxide synthase 3
Database Link:	<a href="#">Entrez Gene 4846 Human P29474</a>
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.
Synonyms:	Endothelial NOS, EC-NOS, NOS type III, Constitutive NOS, eNOS
Protein Families:	Druggable Genome



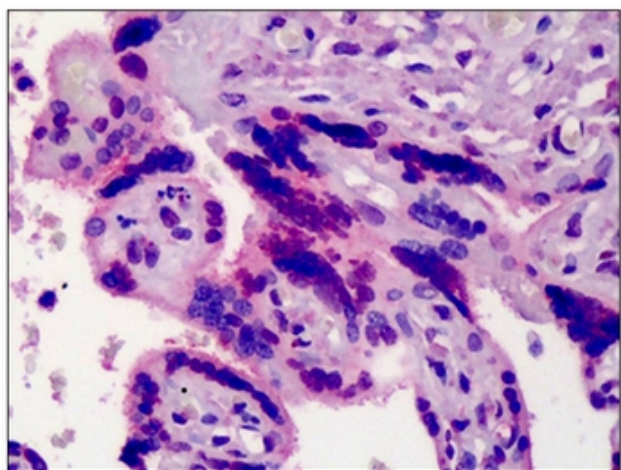
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**Protein Pathways:**

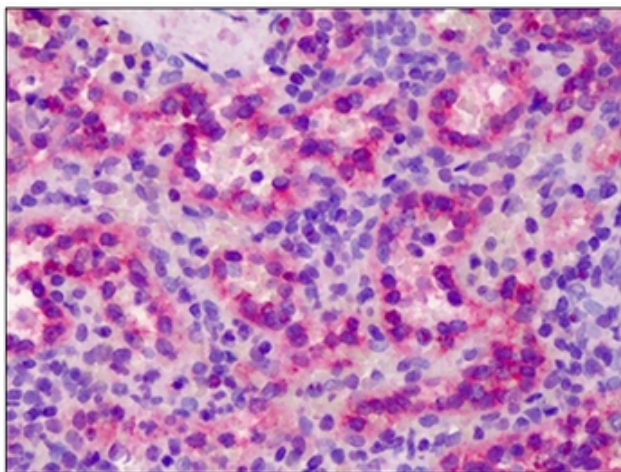
Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Arginine and proline metabolism, Calcium signaling pathway, Long-term depression, Metabolic pathways, Pathways in cancer, Small cell lung cancer, VEGF signaling pathway

**Product images:**

Spleen, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)