ANGIO-PROTEOMIE
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DATA SHEET

Mouse Monoclonal Antibody to NOS1

Cataloge Number	sAP-1199
Target Molecule	**Name: NOS1** **Aliases:** NOS; bNOS; nNOS; IHPS1; N-NOS; NC-NOS **MW: 161kDa** **Entrez Gene ID: 4842**
Descrption	The protein encoded by this gene belongs to the family of nitric oxide synthases, which synthesize nitric oxide from L-arginine. Nitric oxide is a reactive free radical, which acts as a biologic mediator in several processes, including neurotransmission, and antimicrobial and antitumoral activities. In the brain and peripheral nervous system, nitric oxide displays many properties of a neurotransmitter, and has been implicated in neurotoxicity associated with stroke and neurodegenerative diseases, neural regulation of smooth muscle, including peristalsis, and penile erection. This protein is ubiquitously expressed, with high level of expression in skeletal muscle. Multiple transcript variants that differ in the 5' UTR have been described for this gene but the full-length nature of these transcripts is not known. Additionally, alternatively spliced tran-
Immunogen	Purified recombinant fragment of human NOS1 (AA: 17-153) expressed in E. Coli.
Recitative Species	Human;
Clone	MM2E11G6;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstitued with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Neurochem. 2013 Aug;126(3):318-30. ; 2.J Leukoc Biol. 2012 Jun;91(6):947-56.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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