

Mouse Monoclonal Antibody to NOS2

Catalogue Number	sAP-0718
Target Molecule	<p>Name: NOS2</p> <p>Aliases: NOS; INOS; NOS2A; HEP-NOS</p> <p>MW: 131kDa</p> <p>Entrez Gene ID: 4843</p>
Description	Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the Smith-Magenis syndrome region on chromosome 17.
Immunogen	Purified recombinant fragment of human NOS2 expressed in E. Coli. ;
Reactive Species	Human; Mouse
Clone	MM4E5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, 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: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Pediatr Allergy Immunol. 2010 Dec;21(8):1151-6. ; 2. J Biol Chem. 2010 Dec 31;285(53):41422-31. ;

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**