

Mouse Monoclonal Antibody to NOS2

Catalogue Number sAP-0718

Target Molecule **Name:** NOS2

Aliases: NOS; INOS; NOS2A; HEP-NOS

MW: 131kDa

Entrez Gene ID: 4843

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. ;

Recitative 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 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: 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**