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| <b>Product name:</b>     | NOS2 Mouse Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cat number:</b>       | MABN81135                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Isotype:</b>          | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen:</b>        | Purified recombinant fragment of human NOS2 expressed in E. Coli.                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity:</b>       | Human, Mouse, Rat, Monkey                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Applications:</b>     | WB 1:500-1:2000, IHC 1:200-1:1000, ELISA 1:5000-1:20000, FC 1:200-1:400                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Weight:</b> | 131kDa                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                    |
| <b>Background:</b>       | 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. |