

Nos1 monoclonal antibody, clone NOS-B1

Catalog # MAB1470

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant Nos1.
Immunogen	Recombinant protein corresponding to amino acids 1-181 of rat Nos1.
Host	Mouse
Theoretical MW (kDa)	160
Reactivity	Goat, Human, Pig, Rat
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG1
Recommend Usage	Western Blot (0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 1.2% sodium acetate (2 mg BSA, 0.01 mg sodium azide)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 1 mL of 1.2% sodium acetate or neutral PBS and concentration will be 100 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — Nos1

Entrez GeneID	24598
Gene Name	Nos1
Gene Alias	bNOS
Gene Description	nitric oxide synthase 1, neuronal
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	nitric oxidase synthase

Publication Reference

- [A novel, testis-specific mRNA transcript encoding an NH2-terminal truncated nitric-oxide synthase.](#)

Wang Y, Goligorsky MS, Lin M, Wilcox JN, Marsden PA.
The Journal of Biological Chemistry 1997 Apr; 272(17):11392.
- [Nitric oxide synthase complexed with dystrophin and absent from skeletal muscle sarcolemma in Duchenne muscular dystrophy.](#)

Brenman JE, Chao DS, Xia H, Aldape K, Bredt DS.
Cell 1995 Sep; 82(5):743.
- [Two closely linked but separable promoters for human neuronal nitric oxide synthase gene transcription.](#)

Xie J, Roddy P, Rife TK, Murad F, Young AP.
PNAS 1995 Feb; 92(4):1242.

Application: WB-Ce, WB-Tr, Human, Mammalian cells