

Mouse anti-Human NOS2 Monoclonal Antibody | anti-NOS2 antibody

Mouse anti-Homo sapiens (Human) NOS2 Monoclonal antibody

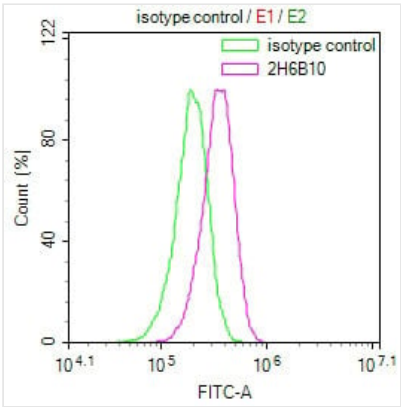
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279045	Mouse	Human	Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

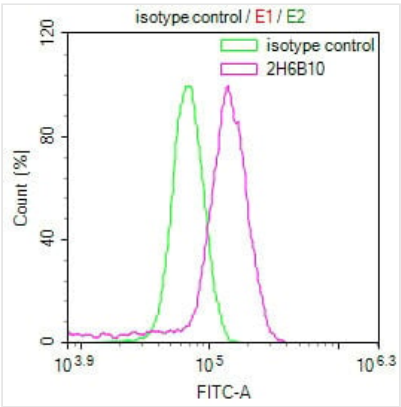
NOS2; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) NOS2 Monoclonal antibody; NOS2 Monoclonal Antibody; HEP-NOS; Hepatocyte NOS; HEPNOS; inducible; Inducible nitric oxide synthase; Inducible NO synthase; Inducible NOS; iNOS; MAC NOS; Macrophage NOS; Nitric oxide synthase 2 inducible; Nitric oxide synthase 2 inducible macrophage; nitric oxide synthase 2A (inducible; hepatocytes); Nitric oxide synthase; Nitric oxide synthase inducible; nitric oxide synthase; macrophage; NOS 2; NOS; Nos II; NOS type II; nos2; NOS2_HUMAN; NOS2A; Inducible; Hepatocyte; Peptidyl-cysteine S-nitrosylase NOS2; anti-NOS2 antibody

PRODUCT SPECIFICATIONS

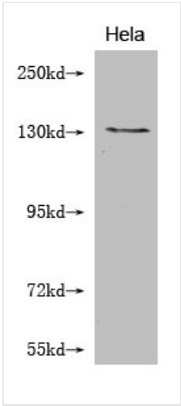
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	2H6B10
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid; PBS, 0.1% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-NOS2 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Nitric oxide synthase, inducible protein (1-200AA)
Conjugation	Non-conjugated
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing HepG2 cells stained with AAA279045 (red line) at 1:50. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



FCM/FACS (Flow Cytometry)
Overlay Peak curve showing HeLa cells stained with AAA279045 (red line) at 1:50. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



WB (Western Blot)
Western BlotPositive WB detected in: HeLa whole cell lysateAll lanes: NOS2 antibody at 1:2000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 131, 127 kDaObserved band size: 131 KDaExposure time?5min

NCBI AND UNIPROT INFORMATION

NCBI GI #	24041029
NCBI GeneID	4843
NCBI Accession #	NP_000616.3
NCBI GenBank Nucleotide #	NM_000625.4
UniProt Accession #	P35228; O60757; O94994; Q16263; Q16692; Q4TTS5; Q9UD42; A1L3U5; B7ZLY2
Molecular Weight	131,117 Da
NCBI Official Full Name	nitric oxide synthase, inducible
NCBI Official Synonym Full Names	nitric oxide synthase 2, inducible
NCBI Official Symbol	NOS2
NCBI Official Synonym Symbols	NOS; INOS; NOS2A; HEP-NOS

NCBI Protein Information	nitric oxide synthase, inducible; NOS type II; NOS, type II; inducible NOS; hepatocyte NOS; inducible NO synthase; nitric oxide synthase, macrophage; peptidyl-cysteine S-nitrosylase NOS2; nitric oxide synthase 2A (inducible, hepatocytes)
UniProt Protein Name	Nitric oxide synthase, inducible
UniProt Gene Name	NOS2
UniProt Synonym Gene Names	NOS2A; HEP-NOS; Inducible NOS; iNOS
UniProt Entry Name	NOS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nos2-antibody-clone-2h6b10-flow-cytometry-western-blot-elisa/279045>