

Anti-iNOS antibody (2-200) [S5MR] (STJ11103535)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

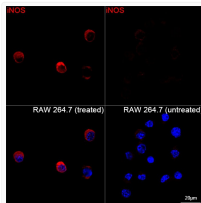
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:4000 IF/CC:1:200-1:800 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 131kDa Observed Mw: 130kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

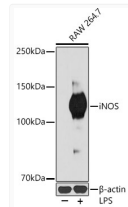
Gene ID	4843
Gene Symbol	NOS2
UniProt ID	NOS2_HUMAN
Immunogen Region	2-200
Immunogen Sequence	ACPWKFLFKTKFHQYAMNGE KDINNVEKAPCATSSPVTVQ DDLQYHNLSKQQNESPQPLV ETGKKSPESLVKLDATPLSS PRHVRINKWVSGMTFQDTLH HKAKGILTCSRKSLGSIMT PKSLTRGPRDKPTPPDELLP QAIEFVNQYYGSFKEAKIEE HLARVEAVTKEIETTGTGYQL TGDELIFATKQAWRNAPRC
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 2-200 of human iNOS (P35228).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Confocal imaging of RAW264.7 LPS and RAW264.7 cells using iNOS Rabbit monoclonal antibody (STJ11103535, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Western blot analysis of lysates from RAW264.7 cells, using iNOS Rabbit monoclonal antibody (STJ11103535) at 1:1000 dilution. RAW264.7 cells were treated by LPS (1 μ g/ml) at 37 °C for 8 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.