

iNOS Monoclonal Antibody

CAB3774

Description

This iNOS Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB3774
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	NOS, INOS, NOS2A, HEP-NOS, iNOS
Clone:	ARC0832
Applications:	WB IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Mouse

Antibody Data

Gene ID:	4843
Uniprot:	AB_3094627
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	131 kDa
Calculated MW:	131 kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

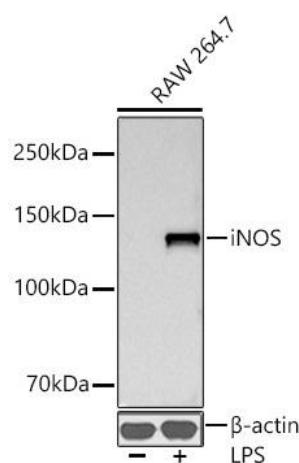
Positive Sample: RAW 264.7 treated with LPS, NR8383 treated with LPS

Recommended Dilutions:

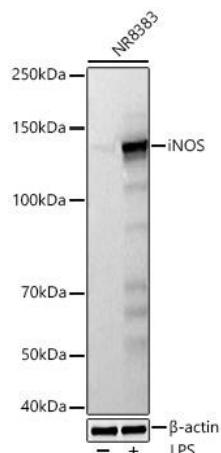
WB	1:1000 - 1:4000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of lysates from RAW 264.7 cells using iNOS Rabbit mAb (CAB3774) at 1:1000 dilution incubated overnight at 4°C. Raw264.7 cells were treated with LPS (1 µg/ml) at 37°C for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30 s.



Western blot analysis of lysates from cells using iNOS Rabbit mAb (CAB3774) at 1:1000 dilution incubated at room temperature for 1.5 hours. cells were treated with LPS (1 μ g/mL) for 8 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 30 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 5 s.