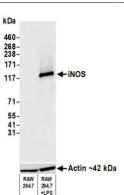
iNOS Monoclonal Antibody [BLR181J]

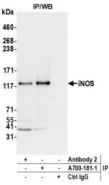
Rabbit Recombinant Monoclonal					
Purified	Dinantiv		otein ID	P29477	
Catalog No.	A700-		enelD	18126	
Lot No. A700–181–1					BETHYL
APPLICATIONS		WB, IP, ICC			LABORATORIES, INC
SPECIES REACTIVITY		Mouse			
AMOUNT		100 µl (50+ tests)			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
PHYSICAL STATE		Liquid			
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA Free			
ISOTYPE		IgG			
CLONE #		BLR181J			
ORIGIN		USA			
PRODUCTION		Recombinant antibody was purified from cell culture supernatant.			
PROCEDURES		Immunogen was a peptide representing a region between residue 1094 and the C-terminus (residue 1144) of mouse Nitric oxide synthase, inducible, using the numbering given in entry NP_035057.1 (Gene ID 18126).			
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.			
		Western Blot	1:1	000	
		Immunoprecipitati	ion 6µ	I/1 mg lysate	
		Immunocytochemi		00 to 1:500. Epitope retriev ommended for FFPE tissue	val with citrate buffer pH6.0 is sections.
IHC MOUSE CONTROLS		RAW264.7 Cells			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-181 Use the link above to view SDS, a current list of citations, and other product specific information.			

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Brian McWilliams, PhD Date: June 30, 2021

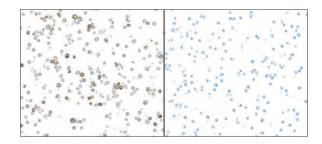
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Detection of mouse iNOS by western blot. *Samples:* Whole cell lysate (10 µg) from RAW 264.7 and LPS-treated RAW 264.7 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-iNOS recombinant monoclonal antibody [BLR181J] (A700-181 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody [BLR057F] (A700-057).



Detection of mouse iNOS by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from LPS treated RAW 264.7 cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-iNOS recombinant monoclonal antibody [BLR181J] (A700-181 lot 1) used for IP at 6 μ I/mg lysate. iNOS was also immunoprecipitated by a second antibody against a different epitope of iNOS (Antibody 2). For blotting immunoprecipitated iNOS, A700-181 was used at 1:1000. Chemiluminescence with an exposure time of 10 seconds.



Detection of mouse iNOS in RAW264.7 cells treated with LPS (left) and untreated (right) by ICC. *Antibody:* Rabbit anti-iNOS recombinant monoclonal antibody [BLR181J] (A700-181 lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P).*Substrate:* DAB.

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