

# iNOS Monoclonal Antibody [BLR188J]

Rabbit Recombinant Monoclonal

Purified		Protein ID	P35228
Catalog No.	A700-188	GeneID	4843
Lot No.	A700-188-1		



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
AMOUNT	100 µl (10 blots)
CONCENTRATION	100 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 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
CLONE #	BLR188J
ORIGIN	USA
PRODUCTION PROCEDURES	Recombinant antibody was purified from cell culture supernatant.

Immunogen was a peptide representing a region between residue 1103 and the C-terminus (residue 1153) of human Nitric oxide synthase, inducible, using the numbering given in entry NP\_000616.3 (Gene ID 4843).

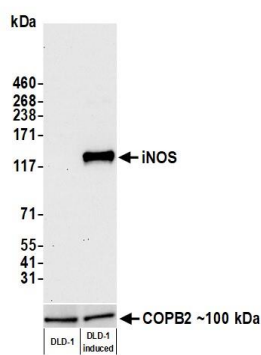
**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot	1:1000
Immunoprecipitation	20 µl/1 mg lysate

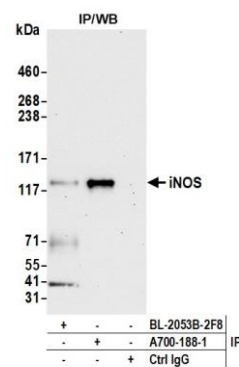
**ADDITIONAL INFO** <https://www.bethyl.com/product/A700-188>

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



**Detection of human iNOS by western blot.** *Samples:* Whole cell lysate (10 µg) from DLD-1 and DLD-1 induced (IFN-γ (56 ng/mL), IL-1β (145 pg/mL), and TNFα (10 ng/mL)) prepared using NETN lysis buffer. *Antibody:* Rabbit anti-iNOS recombinant monoclonal antibody [BLR188J] (A700-188 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-COPB2 antibody (A304-523A).



**Detection of human iNOS by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from induced DLD-1 cells (hIFN-γ (56 ng/mL), hIL-1β (145 pg/mL), and hTNFα (10 ng/mL)) prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-iNOS recombinant monoclonal antibody [BLR188J] (A700-188 lot 1) used for IP at 20 µl/mg lysate. iNOS was also immunoprecipitated by a second antibody against a different epitope of iNOS (BL-2053B-2F8). For blotting immunoprecipitated iNOS, A700-188 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.