

For Research Use Only

iNOS Recombinant antibody, PBS Only (Capture)

Catalog Number:83997-1-PBS



Basic Information

Catalog Number: 83997-1-PBS	GenBank Accession Number: BC130283	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4843	CloneNo.: 230496D3
Source: Rabbit	UNIPROT ID: P35228	
Isotype: IgG	Full Name: nitric oxide synthase 2, inducible	
Immunogen Catalog Number: AG17696	Calculated MW: 1153 aa, 131 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

83997-1-PBS targets iNOS as part of a matched antibody pair:

MP00898-1: 83997-1-PBS capture and 83997-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

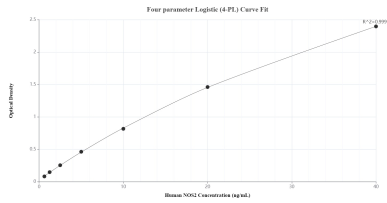
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

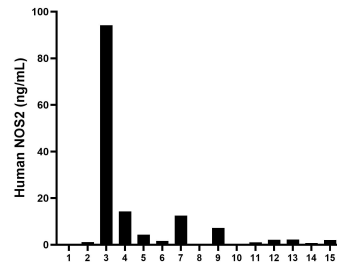
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Sandwich ELISA standard curve of MP00898-1, Human NOS2 Recombinant Matched Antibody Pair - PBS only. 83997-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17696. 83997-2-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.



Serum of fifteen individual healthy human donors was measured. The NOS2 concentration of detected samples was determined to be 9.62 ng/mL with a range of 0.10-94.17 ng/mL.