

For Research Use Only

NOS3 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85020-1-PBS



Basic Information

Catalog Number:

85020-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25712

GenBank Accession Number:

GeneID (NCBI):

4846

UNIPROT ID:

P29474

Full Name:

nitric oxide synthase 3 (endothelial cell)

Purification Method:

Protein A purification

CloneNo.:

242543B2

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Product Information

85020-1-PBS targets NOS3 as part of a matched antibody pair:

MP01737-1: 85020-1-PBS capture and 85020-2-PBS detection (validated in Cytometric bead array, 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

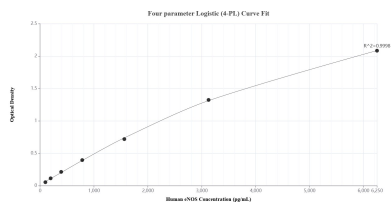
For technical support and original validation data for this product please contact:

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

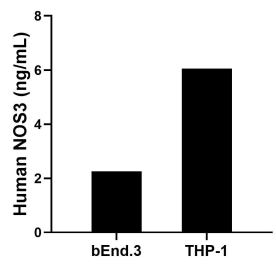
E: proteintech@ptglab.com
W: ptglab.com

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

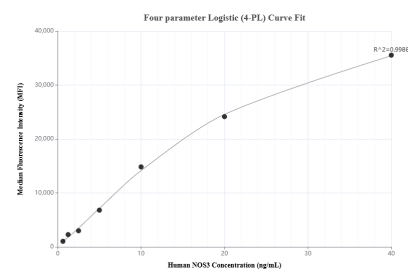
Selected Validation Data



Sandwich ELISA standard curve of MP01737-1, Human eNOS Recombinant Matched Antibody Pair - PBS only. 85020-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag25712. 85020-2-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



The mean eNOS concentration was determined to be 2.3 ng/mL in bEnd.3 cell extract based on a 1.3 mg/mL extract load and 6.1 ng/mL in THP-1 cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP01737-1, NOS3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85020-1-PBS. Detection antibody: 85020-2-PBS. Standard: Ag25712. Range: 0.313-40 ng/mL