

NOX1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01957-1**

Capture Antibody Information

Catalog Number: 84700-3-PBS	Clone ID: 241935E2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: NADPH oxidase 1
Isotype: IgG	GenBank: BC075014	Gene ID: 27035
Purification Method: Protein A purification	Immunogen Catalog Number: Ag12187	

Detection Antibody Information

Catalog Number: 84700-2-PBS	Clone ID: 241935A12	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: NADPH oxidase 1
Isotype: IgG	GenBank: BC075014	Gene ID: 27035
Purification Method: Protein A purification	Immunogen Catalog Number: Ag12187	

Applications

Tested Applications: Sandwich ELISA	Range: 1.56-100 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP01957-1 targets NOX1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: NOX1 Recombinant antibody, PBS Only (Capture) 84700-3-PBS (241935E2). 100 µg. Concentration 1 mg/mL.

Detection antibody: NOX1 Recombinant antibody, PBS Only (Detector) 84700-2-PBS (241935A12). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

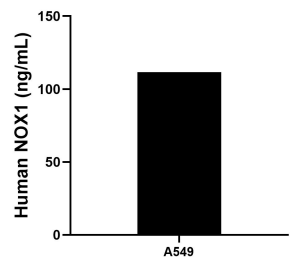
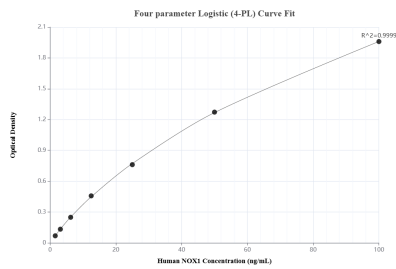
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

Selected Validation Data



Sandwich ELISA standard curve of MP01957-1, Human NOX1 Recombinant Matched Antibody Pair - PBS only. 84700-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12187. 84700-2-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL

The mean NOX1 concentration was determined to be 111.65 ng/mL in A549 cell extract based on a 2.50 mg/mL extract load.