

NOX4 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP51046-1**

Capture Antibody Information

Catalog Number:
67681-2-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G Magarose purification

Clone ID:
3C11B6

Reactivity:
human

Immunogen Catalog Number:
Ag6176

Conjugate:
Unconjugated

Full name:
NADPH oxidase 4

Gene ID:
50507

Detection Antibody Information

Catalog Number:
67681-3-PBS

Host:
Mouse

Isotype:
IgG1

Purification Method:
Protein G Magarose purification

Clone ID:
2A11B1

Reactivity:
human

GenBank:
BC040105

Immunogen Catalog Number:
Ag6176

Conjugate:
Unconjugated

Full name:
NADPH oxidase 4

Gene ID:
50507

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.098-100 ng/mL (Cytometric Bead Array)
0.313-20 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP51046-1 targets NOX4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NOX4 Monoclonal antibody, PBS Only (Capture) 67681-2-PBS (3C11B6). 100 µg. Concentration 1 mg/mL.

Detection antibody: NOX4 Monoclonal antibody, PBS Only (Detector) 67681-3-PBS (2A11B1). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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.

Storage buffer:
PBS only

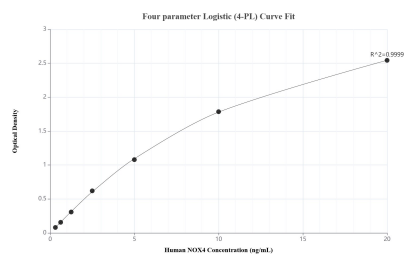
For technical support and original validation data for this product please contact:

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

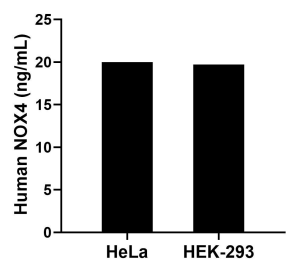
E: proteintech@ptglab.com
W: ptglab.com

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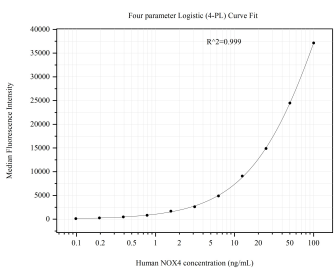
Selected Validation Data



Sandwich ELISA standard curve of MP51046-1, Human NOX4 Monoclonal Matched Antibody Pair - PBS only. 67681-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag6176. 67681-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



The mean NOX4 concentration was determined to be 20.00 ng/mL in HeLa cell extract based on a 1.80 mg/mL extract load and 19.70 ng/mL in HEK-293 cell extract based on a 2.20 mg/mL extract load.



Cytometric bead array standard curve of MP51046-1, NOX4 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 67681-2-PBS. Detection antibody: 67681-3-PBS. Standard: Ag6176. Range: 0.098-100 ng/mL.