

For Research Use Only

NOX4 Monoclonal antibody, PBS Only (Detector)

Catalog Number: 67681-3-PBS



Basic Information

Catalog Number: 67681-3-PBS	GenBank Accession Number: BC040105	Purification Method: Protein G Magarose purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 50507	CloneNo.: 2A11B1
Source: Mouse	UNIPROT ID: Q9NPH5	
Isotype: IgG1	Full Name: NADPH oxidase 4	
Immunogen Catalog Number: AG6176	Calculated MW: 67 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

67681-3-PBS targets NOX4 as part of a matched antibody pair:

MP51046-1: 67681-2-PBS capture and 67681-3-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

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

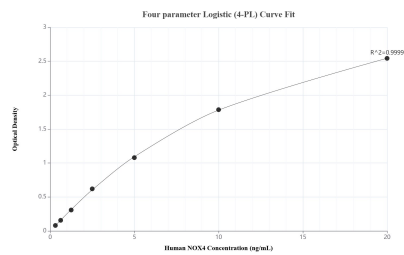
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

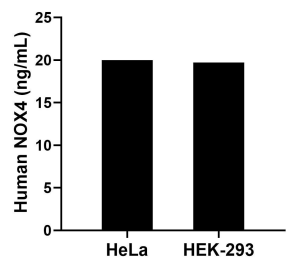
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

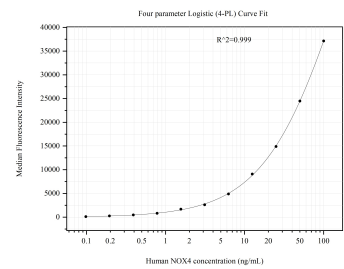
Selected Validation Data



Sandwich ELISA standard curve of 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.