

For Research Use Only

PON1 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83982-3-PBS



Basic Information

Catalog Number: 83982-3-PBS	GenBank Accession Number: BC074719	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5444	CloneNo.: 241091B9
Source: Rabbit	UNIPROT ID: P27169	
Isotype: IgG	Full Name: paraoxonase 1	
Immunogen Catalog Number: AG12934	Calculated MW: 355 aa, 40 kDa	

Applications

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

Species Specificity:
human

Product Information

83982-3-PBS targets PON1 as part of a matched antibody pair:

MP00877-1: 83982-3-PBS capture and 83982-1-PBS detection (validated in Cytometric bead array)

MP00877-4: 83982-6-PBS capture and 83982-3-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.

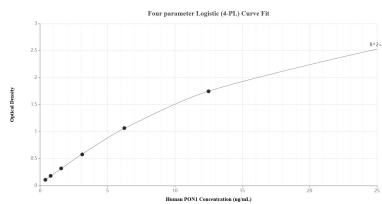
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

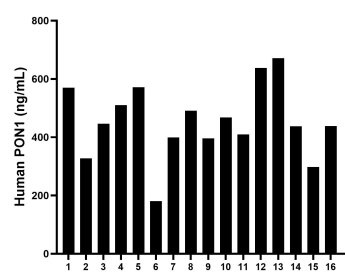
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

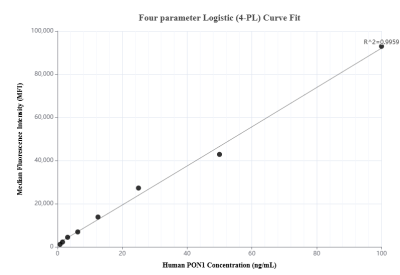
Selected Validation Data



Sandwich ELISA standard curve of MP00877-4, Human PON1 Recombinant Matched Antibody Pair - PBS only. 83982-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12934. 83982-3-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



Serum of sixteen individual healthy human donors was measured. The PON1 concentration of detected samples was determined to be 453.40 ng/mL with a range of 180.32-671.47 ng/mL.



Cytometric bead array standard curve of MP00877-1, PON1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83982-3-PBS. Detection antibody: 83982-1-PBS. Standard: Ag12934. Range: 0.781-100 ng/mL.