

For Research Use Only

PD-1/CD279 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83632-4-PBS



Basic Information

Catalog Number: 83632-4-PBS	GenBank Accession Number: BC074740	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5133	CloneNo.: 240724G9
Source: Rabbit	UNIPROT ID: Q15116	
Isotype: IgG	Full Name: programmed cell death 1	
	Calculated MW: 288 aa, 32 kDa	

Applications

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

Species Specificity:
human

Product Information

83632-4-PBS targets PD-1/CD279 as part of a matched antibody pair:

MP00612-2: 83632-2-PBS capture and 83632-4-PBS detection (validated in Cytometric bead array)

MP00612-4: 83632-5-PBS capture and 83632-4-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

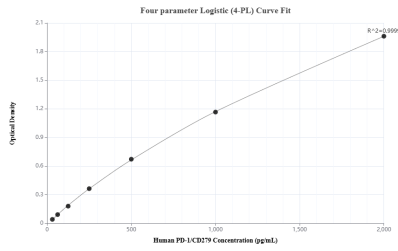
For technical support and original validation data for this product please contact:

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

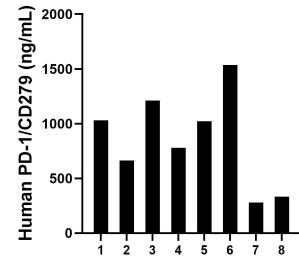
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data

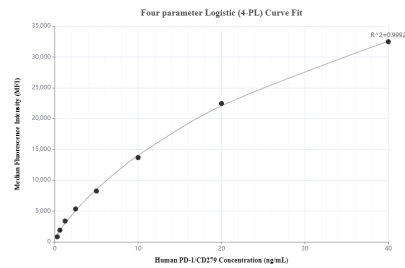
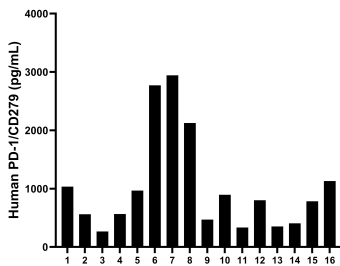


For the PBMC supernatant cultured for 5 days, the mean human PD-1/CD279 concentration was determined to be 382.5 pg/mL in PHA stimulated PBMC supernatant.



Sandwich ELISA standard curve of MP00612-4, Human PD-1/CD279 Recombinant Matched Antibody Pair - PBS only. 83632-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0974. 83632-4-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL

Urine of eight individual healthy human was measured. The PD-1/CD279 concentration of detected samples was determined to be 856.9 pg/mL with a range of 280.3 - 1,536.5 pg/mL



Serum of sixteen individual healthy human donors was measured. The human PD-1/CD279 concentration of detected samples was determined to be 1,025.5 pg/mL with a range of 265.2 - 2,943.1 pg/mL

Cytometric bead array standard curve of MP00612-2, PD-1/CD279 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83632-2-PBS. Detection antibody: 83632-4-PBS. Standard: Eg0974. Range: 0.313-40 ng/mL