

For Research Use Only

PCNA Recombinant antibody, PBS Only (Capture)

Catalog Number: 81302-3-PBS



Basic Information

Catalog Number: 81302-3-PBS	GenBank Accession Number: BC000491	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5111	CloneNo.: 240306C1
Source: Rabbit	UNIPROT ID: P12004	
Isotype: IgG	Full Name: proliferating cell nuclear antigen	
Immunogen Catalog Number: AG0277	Calculated MW: 29 kDa/31 kDa	

Applications

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

Species Specificity:
human

Product Information

81302-3-PBS targets PCNA as part of a matched antibody pair:

MP00424-2: 81302-3-PBS capture and 81302-4-PBS detection (validated in Cytometric bead array)

MP00424-4: 81302-3-PBS capture and 81302-4-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

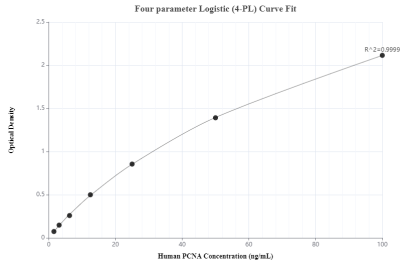
For technical support and original validation data for this product please contact:

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

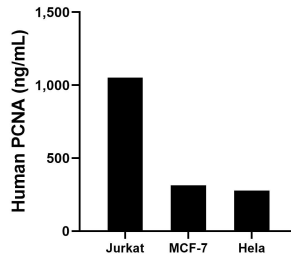
E: proteintech@ptglab.com
W: ptglab.com

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

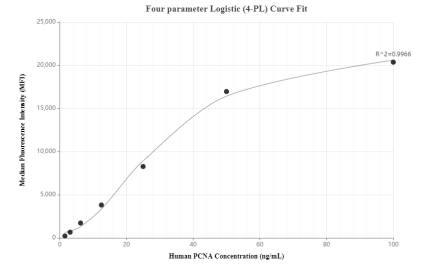
Selected Validation Data



Sandwich ELISA standard curve of MP00424-4, human PCNA Recombinant Matched Antibody Pair - PBS only. 81302-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard: Ag0277. 81302-4-PBS was HRP conjugated as the detection antibody. Range: 1.56-100 ng/mL



The mean PCNA concentration was determined to be 1,050.8 ng/mL in Jurkat cell extract based on a 5.8 mg/mL extract load, 312.4 ng/mL in MCF-7 cell extract based on a 3.1 mg/mL extract load and 276.5 ng/mL in HeLa cell extract based on a 3.6 mg/mL extract load.



Cytometric bead array standard curve of MP00424-2, PCNA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81302-3-PBS. Detection antibody: 81302-4-PBS. Standard: Ag0277. Range: 1.56-100 ng/mL