

PCNA Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00424-4

Capture Antibody Information

Catalog Number:
81302-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240306C1
Reactivity:
human
GenBank:
BC000491
Immunogen Catalog Number:
Ag0277

Conjugate:
Unconjugated
Full name:
proliferating cell nuclear antigen
Gene ID:
5111

Detection Antibody Information

Catalog Number:
81302-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240306B1
Reactivity:
human
GenBank:
BC000491
Immunogen Catalog Number:
Ag0277

Conjugate:
Unconjugated
Full name:
proliferating cell nuclear antigen
Gene ID:
5111

Applications

Tested Applications:
Sandwich ELISA

Range:
1.56-100 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

MP00424-4 targets PCNA in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PCNA Recombinant antibody, PBS Only (Capture) 81302-3-PBS (240306C1). 100 µg. Concentration 1 mg/mL.

Detection antibody: PCNA Recombinant antibody, PBS Only (Detector) 81302-4-PBS (240306B1). 100 µg. Concentration 1 mg/mL.

Alternative PCNA matched antibody pairs: MP00424-1, MP00424-2, MP00424-3

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

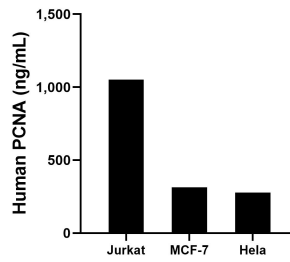
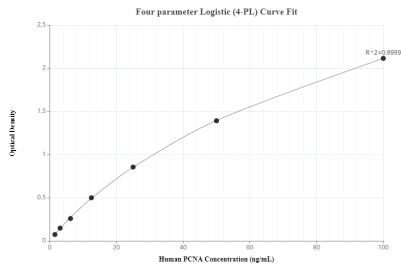
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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.