

CDK4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00897-1

Capture Antibody Information

Catalog Number:
83994-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241053C6
Reactivity:
human
GenBank:
BC010153
Immunogen Catalog Number:
Ag20538

Conjugate:
Unconjugated
Full name:
cyclin-dependent kinase 4
Gene ID:
1019

Detection Antibody Information

Catalog Number:
83994-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241053C4
Reactivity:
human
GenBank:
BC010153
Immunogen Catalog Number:
Ag20538

Conjugate:
Unconjugated
Full name:
cyclin-dependent kinase 4
Gene ID:
1019

Applications

Tested Applications:
Cytometric bead array, Sandwich
ELISA

Range:
0.313-40 ng/mL (Cytometric Bead
Array)
0.937-60 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

MP00897-1 targets CDK4 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CDK4 Recombinant antibody, PBS Only (Capture) 83994-2-PBS (241053C6). 100 µg. Concentration 1 mg/mL.

Detection antibody: CDK4 Recombinant antibody, PBS Only (Detector) 83994-1-PBS (241053C4). 100 µg. Concentration 1 mg/mL.

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.

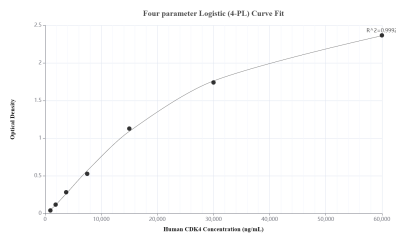
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

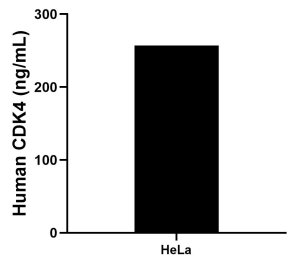
Storage

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

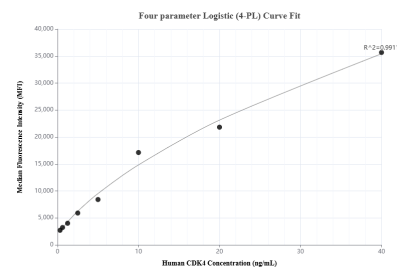
Selected Validation Data



Sandwich ELISA standard curve of MP00897-1, Human CDK4 Recombinant Matched Antibody Pair - PBS only. 83994-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20538. 83994-1-PBS was HRP conjugated as the detection antibody. Range: 0.937-60 ng/mL



The mean CDK4 concentration was determined to be 257.14 ng/mL in HeLa cell extract based on a 2.00 mg/mL extract load.



Cytometric bead array standard curve of MP00897-1, CDK4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83994-2-PBS. Detection antibody: 83994-1-PBS. Standard: Ag20538. Range: 0.313-40 ng/mL