

For Research Use Only

CDK4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83994-2-PBS



Basic Information

Catalog Number:

83994-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20538

GenBank Accession Number:

BC010153

GeneID (NCBI):

1019

UNIPROT ID:

P11802

Full Name:

cyclin-dependent kinase 4

Calculated MW:

34 kDa

Purification Method:

Protein A purification

CloneNo.:

241053C6

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

Background Information

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

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

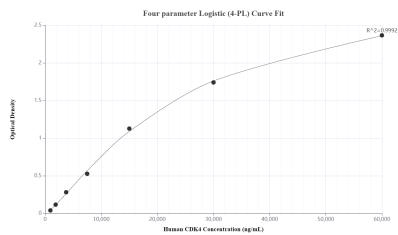
T: 4006900926

E: Proteintech-CN@ptglab.com

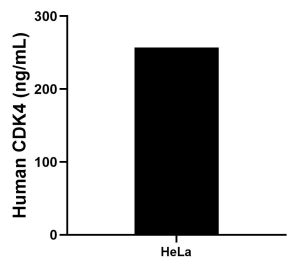
W: ptgcn.com

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

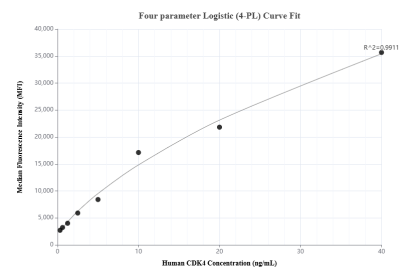
Selected Validation Data



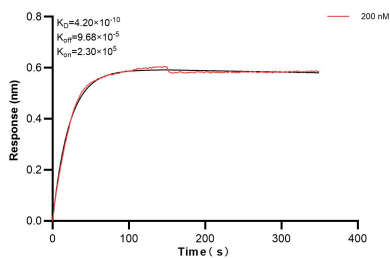
Sandwich ELISA standard curve of MP00897-1, Human CDK4 Recombinant Matched Antibody Pair - PBS only. 83994-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20538. 83994-1-PBS was HRP conjugated as the detection antibody. Range: 0.937-60 ng/mL



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



Bi-layer interferometry (BLI) kinetic assay of 83994-2-PBS against Human CDK4 was performed. The affinity constant is 0.42 nM.