

For Research Use Only

CDK2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83635-1-PBS



Basic Information

Catalog Number:

83635-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17133

GenBank Accession Number:

BC003065

GeneID (NCBI):

1017

UNIPROT ID:

P24941

Full Name:

cyclin-dependent kinase 2

Calculated MW:

298 aa, 34 kDa

Purification Method:

Protein A purification

CloneNo.:

240580A9

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:

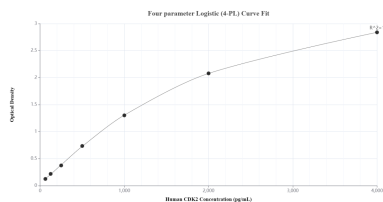
T: 4006900926

E: Proteintech-CN@ptglab.com

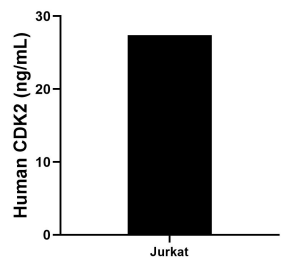
W: ptgcn.com

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

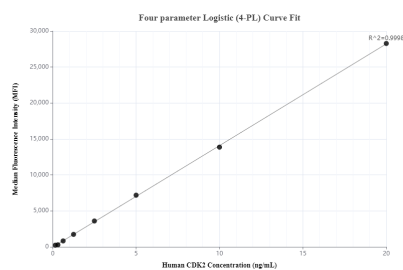
Selected Validation Data



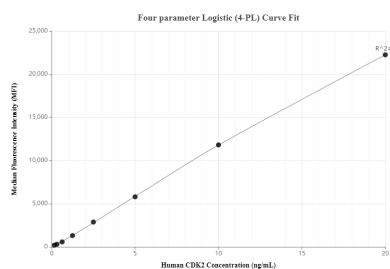
Sandwich ELISA standard curve of MP00611-4, Human CDK2 Recombinant Matched Antibody Pair - PBS only. 83635-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17133. 83635-1-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.



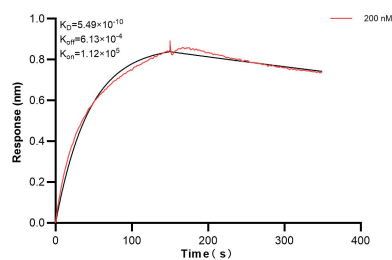
The mean CDK2 concentration was determined to be 27.38 ng/mL in Jurkat cell extract based on a 3.0 mg/mL extract load.



Cytometric bead array standard curve of MP00611-2, CDK2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83635-2-PBS. Detection antibody: 83635-1-PBS. Standard: Ag17133. Range: 0.156-20 ng/mL.



Cytometric bead array standard curve of MP00611-3, CDK2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83635-3-PBS. Detection antibody: 83635-1-PBS. Standard: Ag17133. Range: 0.156-20 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 83635-1-PBS against Human CDK2 was performed. The affinity constant is 0.549 nM.