

For Research Use Only

CDK2 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83635-1-PBS



Basic Information

Catalog Number: 83635-1-PBS	GenBank Accession Number: BC003065	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1017	CloneNo.: 240580A9
Source: Rabbit	UNIPROT ID: P24941	
Isotype: IgG	Full Name: cyclin-dependent kinase 2	
Immunogen Catalog Number: AG17133	Calculated MW: 298 aa, 34 kDa	

Applications

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

Species Specificity:
human

Product Information

83635-1-PBS targets CDK2 as part of a matched antibody pair:

MP00611-2: 83635-2-PBS capture and 83635-1-PBS detection (validated in Cytometric bead array)

MP00611-3: 83635-3-PBS capture and 83635-1-PBS detection (validated in Cytometric bead array)

MP00611-4: 83635-6-PBS capture and 83635-1-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

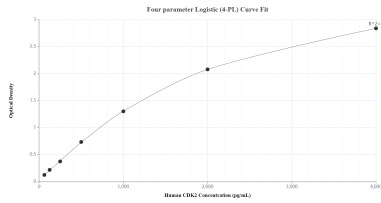
For technical support and original validation data for this product please contact:

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

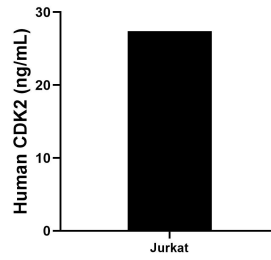
E: proteintech@ptglab.com
W: ptglab.com

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

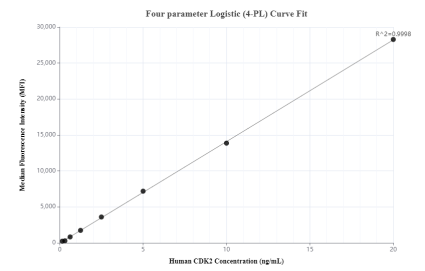
Selected Validation Data



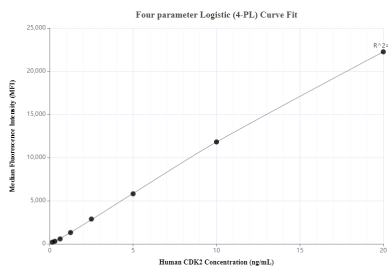
Sandwich ELISA standard curve of MP00611-4, Human CDK2 Recombinant Matched Antibody Pair - PBS only. 83635-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17133. 83635-1-PBS was HRP conjugated as the detection antibody. Range: 62.5-4000 pg/mL.



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.