

For Research Use Only

CDK9 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83662-6-PBS



Basic Information

Catalog Number: 83662-6-PBS	GenBank Accession Number: BC001968	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1025	CloneNo.: 240600C6
Source: Rabbit	UNIPROT ID: P50750	
Isotype: IgG	Full Name: cyclin-dependent kinase 9	
Immunogen Catalog Number: AG2318	Calculated MW: 372 aa, 43 kDa	

Applications

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

Species Specificity:
human

Product Information

83662-6-PBS targets CDK9 as part of a matched antibody pair:

MP00630-1: 83662-1-PBS capture and 83662-6-PBS detection (validated in Cytometric bead array)

MP00630-4: 83662-6-PBS capture and 83662-2-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.

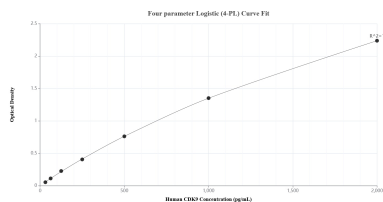
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

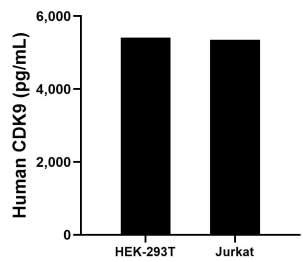
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

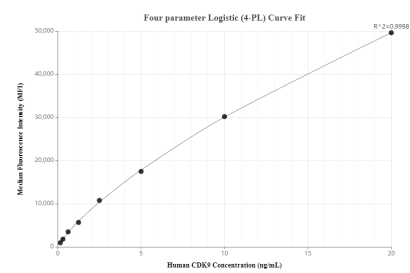
Selected Validation Data



Sandwich ELISA standard curve of MP00630-4, Human CDK9 Recombinant Matched Antibody Pair - PBS only. 83662-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag2318. 83662-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL.



The mean CDK9 concentration was determined to be 5,413.5 pg/mL in HEK-293T cell extract based on a 5.8 mg/mL extract load and 5,349.7 Pg/mL in Jurkat cell extract based on a 1.5 mg/mL extract load.



Cytometric bead array standard curve of MP00630-1, CDK9 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83662-1-PBS. Detection antibody: 83662-6-PBS. Standard: Ag2318. Range: 0.156-20 ng/mL.