

For Research Use Only

CDK8/19 Recombinant antibody, PBS Only

Catalog Number: 86276-1-PBS



Basic Information

Catalog Number: 86276-1-PBS	GenBank Accession Number: BC037289	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 23097	CloneNo.: 250832D1
Source: Rabbit	UNIPROT ID: Q9BWU1	
Isotype: IgG	Full Name: cell division cycle 2-like 6 (CDK8-like)	
Immunogen Catalog Number: AG4731	Calculated MW: 502 aa, 57 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

The CDK8 homolog, CDK19 (Cdk11, CDC2L6) was discovered by Hidden Markov model (HMM) profiling of a eukaryotic protein kinase domain, and found to have approximately 91% sequence homology to Cdk8. The two proteins share a particularly high degree of sequence conservation in their kinase and cyclin binding domain (PMID: 30693281, 26985305). CDK8 and CDK19, collectively termed 'Mediator Kinase,' are incorporated, in a mutually exclusive manner, as part of a 4-protein complex called the Mediator kinase module. CDK8/19 inhibition suppressed the induction of NF- κ B-driven transcription by p21 (PMID: 28855340).

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, pH7.3

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

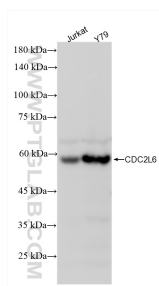
T: 4006900926

E: Proteintech-CN@ptglab.com

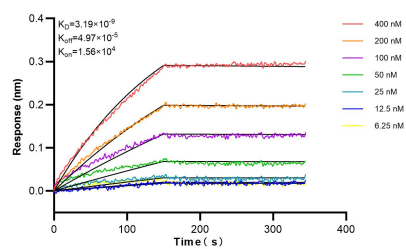
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86276-1-RR (CDC2L6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86276-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86276-1-RR against Human CDK8/19 were performed. The affinity constant is 3.19 nM.