

For Research Use Only

Cyclin B1 Recombinant antibody, PBS Only

Catalog Number: 85895-3-PBS



Basic Information

Catalog Number: 85895-3-PBS	GenBank Accession Number: BC006510	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 891	CloneNo.: 250227C12
Source: Rabbit	UNIPROT ID: P14635	
Isotype: IgG	Full Name: cyclin B1	
Immunogen Catalog Number: AG29426	Calculated MW: 48 kDa	
	Observed MW: 55-60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

Cyclin B1 is a regulatory protein involved in mitosis. The gene product complexes with p34(cdc2) to form the maturation-promoting factor (MPF). Two alternative transcripts have been found, a constitutively expressed transcript and a cell cycle-regulated transcript, that is expressed predominantly during G2/M phase of the cell cycle. The different transcripts result from the use of alternate transcription initiation sites. The antibody is specific to CCNB1. We got a 55-60 kDa band in western blotting maybe due to phosphorylation.

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:

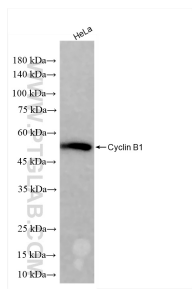
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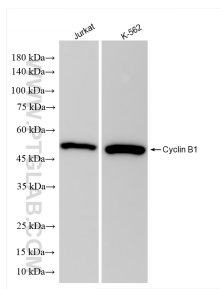
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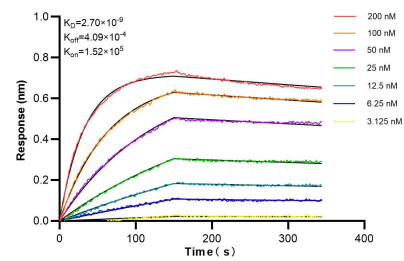
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 85895-3-RR (CCNB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85895-3-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 85895-3-RR (CCNB1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85895-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85895-3-RR against Human Cyclin B1 were performed. The affinity constant is 2.70 nM.