

For Research Use Only

# CDC40 Recombinant antibody, PBS Only

Catalog Number:84679-4-PBS



## Basic Information

<b>Catalog Number:</b> 84679-4-PBS	<b>GenBank Accession Number:</b> BC126114	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 51362	<b>CloneNo.:</b> 242034D1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60508	
<b>Isotype:</b> IgG	<b>Full Name:</b> cell division cycle 40 homolog (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG36151	<b>Observed MW:</b> 65-67 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## Background Information

CDC40 (cell division cycle 40), also known as EHB3. It is expected to be located in the nucleus, which is ubiquitinated in bone marrow and lymph node. The protein is required for pre-mRNA splicing as component of the activated spliceosome, and it plays an important role in embryonic brain development; this function does not require proline isomerization (PMID: 33220177; 33220177). The molecular weight of CDC40 is 65 kDa.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

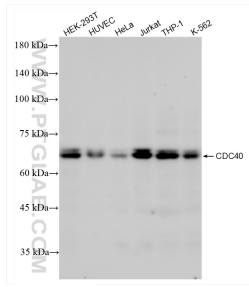
For technical support and original validation data for this product please contact:

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

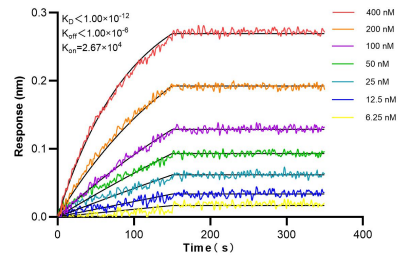
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84679-4-RR (CDC40 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84679-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84679-4-RR against Human CDC40 were performed. The affinity constant is below 1 pM.