

For Research Use Only

# C1orf83 Recombinant antibody

Catalog Number: 83626-5-RR



## Basic Information

<b>Catalog Number:</b> 83626-5-RR	<b>GenBank Accession Number:</b> BC035374	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 127428	<b>CloneNo.:</b> 240678F1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96MN5	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF/ICC 1:125-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> chromosome 1 open reading frame 83	
<b>Immunogen Catalog Number:</b> AG15040	<b>Calculated MW:</b> 208 aa, 23 kDa	
	<b>Observed MW:</b> 24 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells <b>IF/ICC :</b> U2OS cells,

## Background Information

Chromosome 1 open reading frame 83 (C1orf83) is also called TCEANC2, a little-studied transcription elongation factor. The rs10788972 variant of the TCEANC2 gene in the PARK10 region is closely associated with sporadic PD in the American population, while both rs10788972 and rs12046178 variants are not associated with sporadic PD in the Chinese Han population (PMID: 25663231; PMID: 26432391).

## Storage

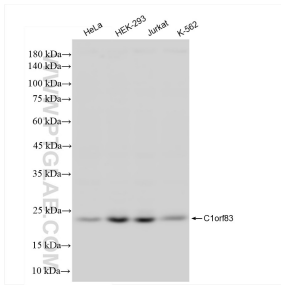
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

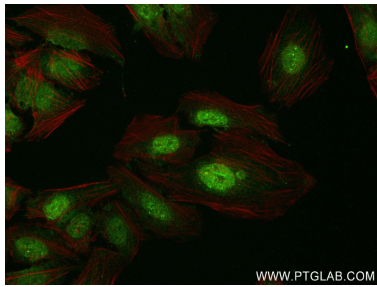
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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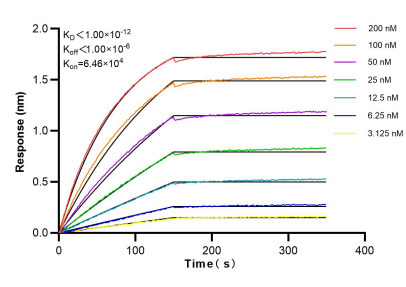
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83626-5-RR (C1orf83 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using C1orf83 antibody (83626-5-RR, Clone: 240678F1 ) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 83626-5-RR against Human C1orf83 were performed. The affinity constant is below 1 pM.