

For Research Use Only

CCDC94 Recombinant antibody

Catalog Number: 83580-1-RR



Basic Information

Catalog Number: 83580-1-RR	GenBank Accession Number: BC000561	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 55702	CloneNo.: 240517A1
Source: Rabbit	UNIPROT ID: Q9BW85	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: coiled-coil domain containing 94	
Immunogen Catalog Number: AG13764	Calculated MW: 323 aa, 37 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications: WB, IF/ICC, FC (Intra), ELISA	Positive Controls:
Species Specificity: human	WB : HeLa cells, HEK-293 cells, Jurkat cell, K-562 cells, HepG2 cells IF/ICC : A549 cells,

Background Information

CCDC94, also known as YJU2, is a splicing factor, predicted to be involved in RNA splicing and negative regulation of DNA damage response, signal transduction by p53 class mediator. Part of U2-type catalytic step 1 spliceosome. And that it is required for pre-mRNA splicing both in vivo and in vitro. Yju2 acts in concert with an unidentified heat-resistant factor(s) in an ATP-independent manner to promote the first catalytic reaction of pre-mRNA splicing after Prp2-mediated structural rearrangement of the spliceosome. (PMID: 17515604)

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

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

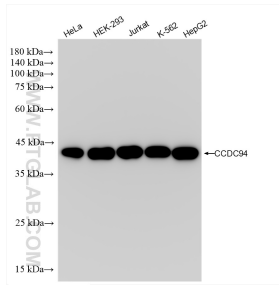
T: 4006900926

E: Proteintech-CN@ptglab.com

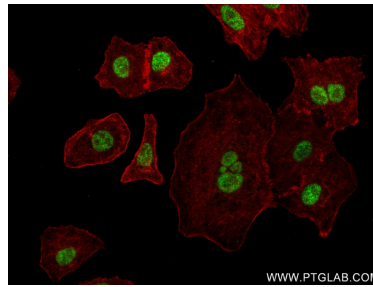
W: ptgcn.com

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

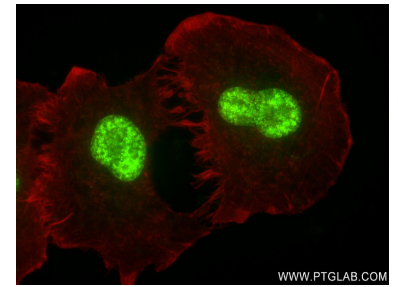
Selected Validation Data



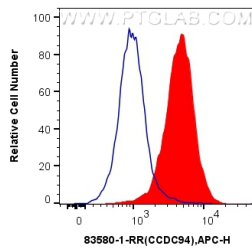
Various lysates were subjected to SDS PAGE followed by western blot with 83580-1-RR (CCDC94 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



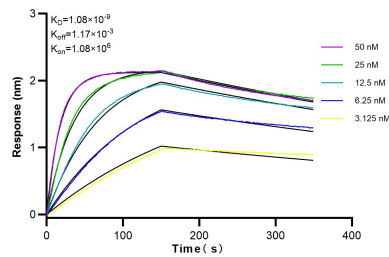
Immunofluorescent analysis of (4% PFA) fixed A549 cells using CCDC94 antibody (83580-1-RR, Clone: 240517A1) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CCDC94 antibody (83580-1-RR, Clone: 240517A1) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1×10^6 A431 cells were intracellularly stained with 0.25 μ g CCDC94 Recombinant antibody (83580-1-RR, Clone:240517A1) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 83580-1-RR against Human CCDC94 were performed. The affinity constant is 1.08 nM.