

For Research Use Only

# CCDC94 Monoclonal antibody

Catalog Number: 68324-1-Ig

Featured Product



## Basic Information

Catalog Number:

68324-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG13772

GenBank Accession Number:

BC000561

GeneID (NCBI):

55702

UNIPROT ID:

Q9BW85

Full Name:

coiled-coil domain containing 94

Calculated MW:

323 aa, 37 kDa

Observed MW:

40 kDa

Purification Method:

Protein A purification

CloneNo.:

1D1G9

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:750-1:3000

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells

IF/ICC : A431 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:

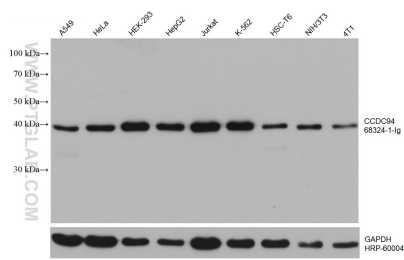
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

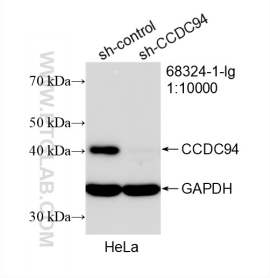
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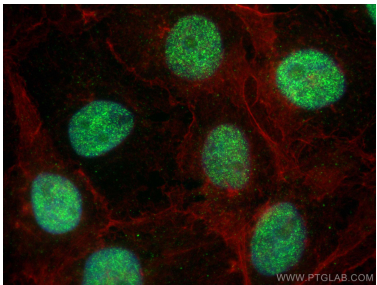
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68324-1-Ig (CCDC94 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



WB result of CCDC94 antibody (68324-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CCDC94 transfected HeLa cells.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CCDC94 antibody (68324-1-Ig, Clone: 1D1G9 ) at dilution of 1:1500 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002), CL594-phalloidin (red).