

For Research Use Only

CCDC94 Monoclonal antibody, PBS Only



Catalog Number: 68324-1-PBS

Featured Product

Basic Information

Catalog Number:

68324-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

Storage Buffer:

PBS Only

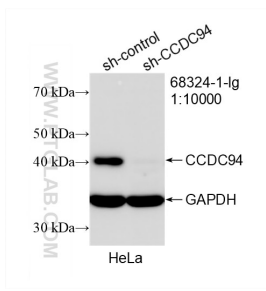
For technical support and original validation data for this product please contact:

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

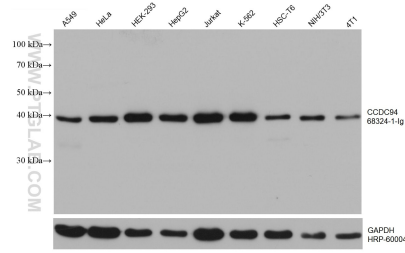
E: proteintech@ptglab.com
W: ptglab.com

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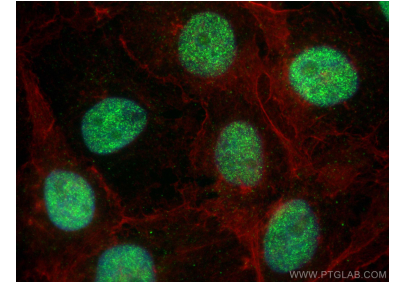
Selected Validation Data



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. This data was developed using the same antibody clone with 68324-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 68324-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68324-1-PBS in a different storage buffer formulation.