

For Research Use Only

CoraLite® Plus 488-conjugated CCDC94 Recombinant antibody

Catalog Number:CL488-83580-5



Basic Information

Catalog Number: CL488-83580-5	GenBank Accession Number: BC000561	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 55702	CloneNo.: 240517E9
Source: Rabbit	UNIPROT ID: Q9BW85	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: coiled-coil domain containing 94	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG13764	Calculated MW: 323 aa, 37 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : A549 cells,
Species Specificity: human	

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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

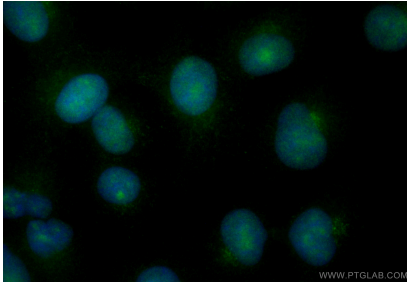
T: 4006900926

E: Proteintech-CN@ptglab.com

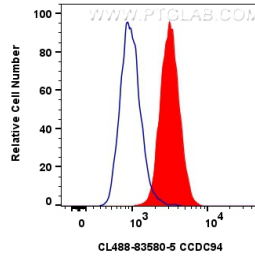
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CoraLite® Plus 488 CCDC94 antibody (CL488-83580-5, Clone: 240517E9) at dilution of 1:200.



1x10⁶ A549 cells were intracellularly stained with 0.25 ug CoraLite® Plus 488-conjugated CCDC94 Recombinant antibody (CL488-83580-5, Clone:240517E9)(red), or 0.25 ug CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).