

For Research Use Only

# CoraLite® Plus 488-conjugated CCDC94 Recombinant monoclonal antibody

Catalog Number: **CL488-83580**

## Basic Information

Catalog Number: <b>CL488-83580</b>	GenBank Accession Number: <b>BC000561</b>	Purification Method: <b>Protein A purification</b>
Source: <b>Rabbit</b>	GeneID (NCBI): <b>55702</b>	CloneNo.: <b>240517A1</b>
Isotype: <b>IgG</b>	UNIPROT ID: <b>Q9BW85</b>	Recommended Dilutions: <b>IF/ICC: 1:50-1:500</b>
Immunogen Catalog Number: <b>AG13764</b>	Full Name: <b>coiled-coil domain containing 94</b>	Excitation/Emission maxima wavelengths: <b>493 nm / 522 nm</b>
	Calculated MW: <b>323 aa, 37 kDa</b>	
	Observed MW: <b>40 kDa</b>	

## Applications

Tested Applications: <b>IF/ICC</b>	Positive Controls: <b>IF/ICC : A431 cells,</b>
Species Specificity: <b>human</b>	

## 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, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

T: 4006900926

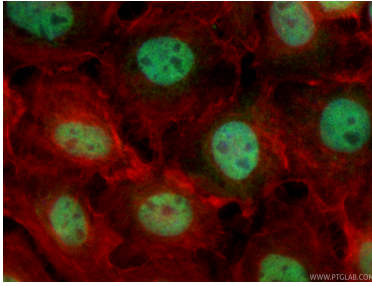
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Coralite® Plus 488 CCDC94 antibody (CL488-83580, Clone: 240517A1 ) at dilution of 1:200, CL594-phalloidin (red).