

For Research Use Only

# CoraLite® Plus 488-conjugated NUDCD2 Recombinant antibody

Catalog Number:CL488-83217-5



## Basic Information

<b>Catalog Number:</b> CL488-83217-5	<b>GenBank Accession Number:</b> BC017934	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 134492	<b>CloneNo.:</b> 230513A5
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8WVJ2	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> NudC domain containing 2	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG15579	<b>Calculated MW:</b> 157 aa, 18 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human	

## Background Information

NUDCD2, also known as NudCL2, is an HSP90 cochaperone that regulates sister chromatid cohesion during mitosis. NUDCD2 also plays a role in ciliogenesis(PMID: 30368549, 34480124). NUDCD2 regulates the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone(PMID: 20133715).

## 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:

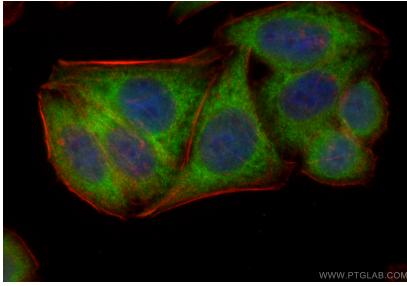
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 NUDCD2 antibody (CL488-83217-5, Clone: 230513A5 ) at dilution of 1:200, CL594-Phalloidin (red).