

For Research Use Only

# CoraLite® Plus 488-conjugated DNAJC21 Monoclonal antibody



Catalog Number: **CL488-68343**

## Basic Information

<b>Catalog Number:</b> CL488-68343	<b>GenBank Accession Number:</b> BC107577	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 134218	<b>CloneNo.:</b> 2F8A9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q5F1R6	<b>Recommended Dilutions:</b> IF/ICC 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> DnaJ (Hsp40) homolog, subfamily C, member 21	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG20003	<b>Calculated MW:</b> 531 aa, 58 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : U2OS cells,
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

DNAJC21 is a ubiquitously expressed DnaJ (heat shock protein 40) chaperone protein. Recently DNAJC21 was reported to be implicated in rRNA biogenesis. Loss of DNAJC21 induced abnormal cell morphology and inhibited cell growth. Mutations in DNAJC21 cause bone marrow failure syndrome. (27346687)

## 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:

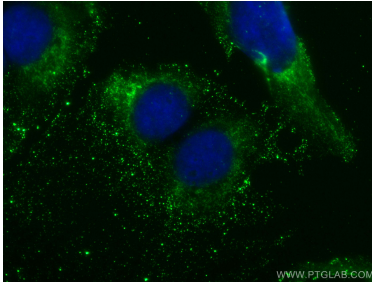
T: 4006900926

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

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol)  
fixed U2OS cells using CoraLite® Plus 488  
DNAJC21 antibody (CL488-68343, Clone: 2F8A9 ) at  
dilution of 1:400.