

For Research Use Only

# CoraLite® Plus 488-conjugated DNAJC18 Polyclonal antibody

Catalog Number: CL488-25162

Featured Product



## Basic Information

### Catalog Number:

CL488-25162

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG18498

### GenBank Accession Number:

BC030162

### GeneID (NCBI):

202052

### UNIPROT ID:

Q9H819

### Full Name:

DnaJ (Hsp40) homolog, subfamily C, member 18

### Calculated MW:

358 aa, 42 kDa

### Observed MW:

39-42 kDa

### Purification Method:

Antigen affinity Purification

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

IF/ICC, FC (Intra)

### Species Specificity:

human, mouse

### Positive Controls:

IF/ICC : U2OS cells,

## Background Information

DnaJC18, also named as DnaJ (Hsp40) homolog, subfamily C, member 21, belongs to Type III DnaJ Family. Type III DnaJ proteins have a J domain but lack the other sequence features that are found in type I and II members of the family. DnaJC18 might play a role in the process of spermatogenesis in adult testis (PMID: 29082339).

## 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

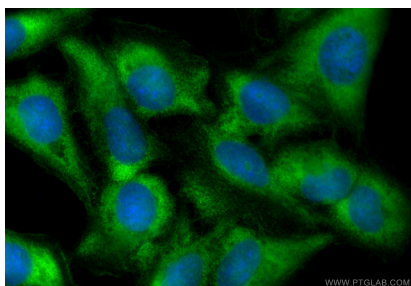
For technical support and original validation data for this product please contact:

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

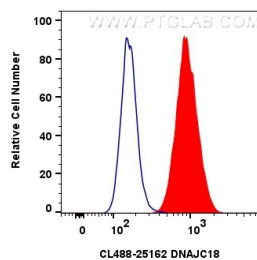
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed U2OS cells using Coralite® Plus 488 DNAJC18 antibody (CL488-25162) at dilution of 1:100.



1x10<sup>6</sup> U2OS cells were intracellularly stained with 0.8 ug Coralite® Plus 488 Dnajc18 Polyclonal Antibody (CL488-25162)(red), or 0.8 ug Coralite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).