

For Research Use Only

CoraLite® Plus 488-conjugated DNAJC18 Polyclonal antibody

Catalog Number: CL488-25162

Featured Product



Basic Information

Catalog Number:

CL488-25162

Concentration:

1000 ug/ml

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

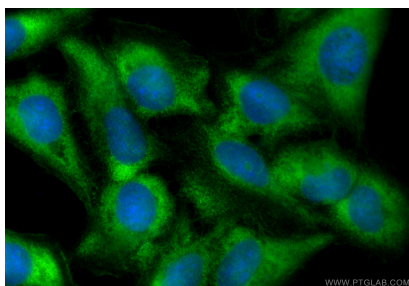
T: 4006900926

E: Proteintech-CN@ptglab.com

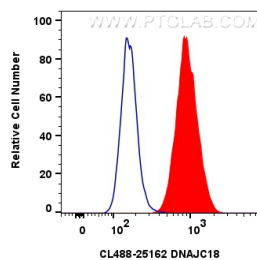
W: ptgcn.com

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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.



1x10⁶ 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).