

For Research Use Only

CoraLite® Plus 488-conjugated MRPL42 Polyclonal antibody



Catalog Number: **CL488-17300**

Basic Information

Catalog Number:

CL488-17300

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11181

GenBank Accession Number:

BC040240

GeneID (NCBI):

28977

UNIPROT ID:

Q9Y6G3

Full Name:

mitochondrial ribosomal protein L42

Calculated MW:

142 aa, 17 kDa

Observed MW:

14-17 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

Positive Controls:

IF/ICC : HeLa cells,

Background Information

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:

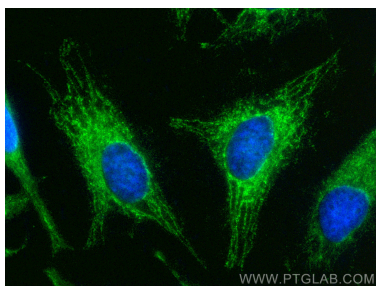
T: 4006900926

E: Proteintech-CN@ptglab.com

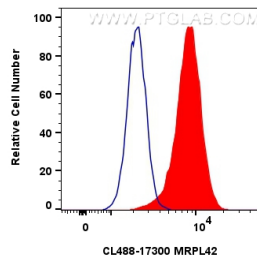
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite® Plus 488 MRPL42 antibody (CL488-17300) at dilution of 1:200.



1x10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Mrpl42 Polyclonal Antibody (CL488-17300)(red), or 0.4 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).