

For Research Use Only

CoraLite® Plus 488-conjugated COMMD1 Polyclonal antibody



Catalog Number: CL488-11938

Featured Product

Basic Information

Catalog Number:

CL488-11938

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2535

GenBank Accession Number:

BC022046

GeneID (NCBI):

150684

UNIPROT ID:

Q8N668

Full Name:

copper metabolism (Murr1) domain
containing 1

Calculated MW:

190 aa, 21 kDa

Observed MW:

21 kDa

Purification Method:

Antigen Affinity Purified

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC (Intra), IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF : HepG2 cells,

Background Information

COMMD1 (COMM domain-containing protein 1), also named MURR1, is implicated in copper homeostasis by binding one copper ion per monomer. COMMD1 was reported to accelerate the ubiquitination and degradation of NF-kappa-B subunits, its deficiency exerts enhanced NF-kappa-B mediated cellular response. Ubiquitinated by XIAP (X-Linked inhibitor of apoptosis), COMMD1 undergoes proteasomal degradation. SOD1 activity can be downregulated by COMMD1.

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:

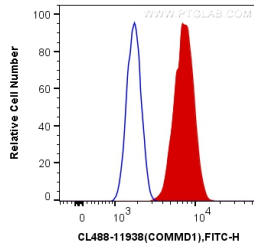
T: 4006900926

E: Proteintech-CN@ptglab.com

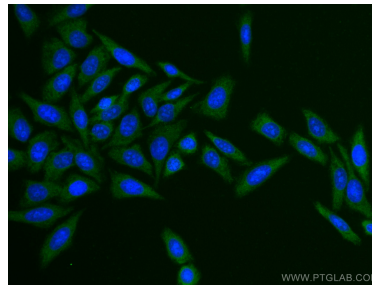
W: ptgcn.com

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Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human COMMD1 (CL488-11938) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 COMMD1 antibody (CL488-11938) at dilution of 1:200.