

For Research Use Only

# CoraLite® Plus 488-conjugated CCS Polyclonal antibody



Catalog Number: CL488-22802

## Basic Information

Catalog Number:

CL488-22802

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18850

GenBank Accession Number:

BC105016

GeneID (NCBI):

9973

UNIPROT ID:

O14618

Full Name:

copper chaperone for superoxide  
dismutase

Calculated MW:

274 aa, 29 kDa

Observed MW:

34 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

Species Specificity:

human, mouse

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

Copper chaperone for superoxide dismutase (CCS) is a soluble factor that converts copper into copper-zinc superoxide dismutase (SOD1). CCS and SOD1 interact directly in vivo and in vitro, and this interaction is mediated by homologous domains in each protein. CCS not only interacts with wild-type SOD1 but also interacts with SOD1 containing common missense mutations, resulting in FALS.

## Storage

Storage:

Store at -20°C. Avoid exposure to light.

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:

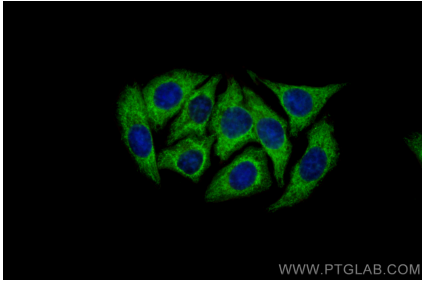
T: 4006900926

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

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

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 CCS antibody (CL488-22802) at dilution of 1:200.