

For Research Use Only

# CoraLite® Plus 488-conjugated CHCHD2 Monoclonal antibody



Catalog Number: CL488-66302

Featured Product

## Basic Information

Catalog Number:

CL488-66302

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG24219

GenBank Accession Number:

BC003079

GeneID (NCBI):

51142

UNIPROT ID:

Q9Y6H1

Full Name:

coiled-coil-helix-coiled-coil-helix  
domain containing 2

Calculated MW:

151 aa, 16 kDa

Observed MW:

17 kDa

Purification Method:

Protein G purification

CloneNo.:

2G1G10

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, pig, rat

Positive Controls:

IF : HepG2 cells, L02 cells

## Background Information

CHCHD2 is a widely expressed 17 kDa mitochondrion-localized protein. CHCHD2 contains a C-terminal CHCH (coiled-coil helix coiled-coil helix) domain. The function of the CHCH domain is not well understood, and the few characterized proteins that harbor this domain have diverse functions. Mutations in CHCHD2 gene have been reported in autosomal dominant Parkinson's disease (ADPD).

## 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

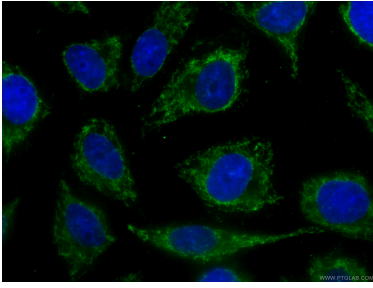
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

---

## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL488-66302 (CHCHD2 antibody) at dilution of 1:100.