

For Research Use Only

CoraLite® Plus 488-conjugated CNOT1 Monoclonal antibody



Catalog Number: CL488-66507

Featured Product

Basic Information

Catalog Number:

CL488-66507

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5623

GenBank Accession Number:

BC040523

GeneID (NCBI):

23019

UNIPROT ID:

A5YK6

Full Name:

CCR4-NOT transcription complex,
subunit 1

Calculated MW:

267 kDa

Observed MW:

240-250 kDa

Purification Method:

Protein G purification

CloneNo.:

1A10A11

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF : HepG2 cells,

Background Information

CNOT1 is a component of CCR4-NOT protein complex, which is a regulator of RNA polymerase II transcription, acts as a transcription repressor. CCR4-NOT complex could participate in transcription as well as mRNA degradation. It's highly expressed in brain, heart, thymus, but weak in skeletal muscle and colon. CNOT1 undergoes alternative splicing to produce four isoforms. CNOT1 exists as many isoforms. The isoform one is about 267 kDa and the isoform four is about 173 kDa.

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:

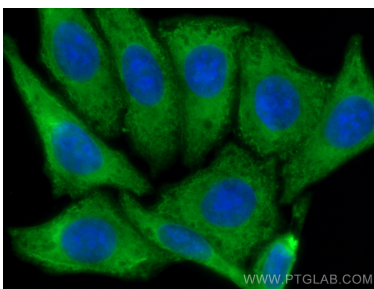
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 CNOT1 antibody (CL488-66507, Clone: 1A10A11) at dilution of 1:200.