

CoraLite® Plus 488-conjugated CNOT10 Polyclonal antibody

Catalog Number: **CL488-15938**

Basic Information

Catalog Number:

CL488-15938

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7654

GenBank Accession Number:

BC002928

GeneID (NCBI):

25904

UNIPROT ID:

Q9H9A5

Full Name:

CCR4-NOT transcription complex,
subunit 10

Calculated MW:

82 kDa

Observed MW:

82 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, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

CNOT10, also named as CCR4-NOT transcription complex subunit 10, is a 744 amino acid protein, which belongs to the CNOT10 family. CNOT10 localizes in the cytoplasm and nucleus. CNOT10 is a component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation.

Storage

Storage:

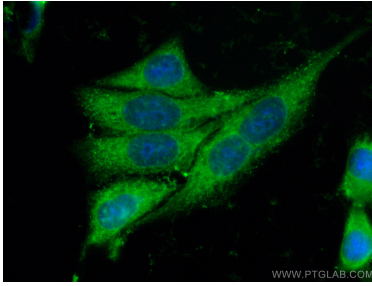
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

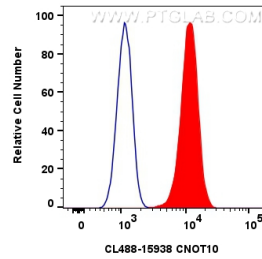
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 CNOT10 antibody (CL488-15938) at dilution of 1:200.



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Cnot10 Polyclonal Antibody (CL488-15938)(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).