

For Research Use Only

# CoraLite® Plus 488-conjugated CNOT4 Monoclonal antibody

Catalog Number: CL488-67798



## Basic Information

<b>Catalog Number:</b> CL488-67798	<b>GenBank Accession Number:</b> BC035590	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4850	<b>CloneNo.:</b> 4H5H3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O95628	<b>Recommended Dilutions:</b> IF-P 1:50-1:500 IF/ICC 1:400-1:1600
<b>Isotype:</b> IgG2b	<b>Full Name:</b> CCR4-NOT transcription complex, subunit 4	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG29964	<b>Calculated MW:</b> 575 aa, 64 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IF-P	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse, rat	<b>IF-P :</b> human colon cancer tissue, <b>IF/ICC :</b> HepG2 cells,

## Background Information

CNOT4, also known as CCR4-NOT transcription complex subunit 4, has E3 ubiquitin ligase activity, and promotes ubiquitination and degradation of target proteins. CNOT4 is involved in activation of the JAK/STAT pathway. CNOT4 exist many isoforms and the range of its molecular weight from 48 to 84 kDa.

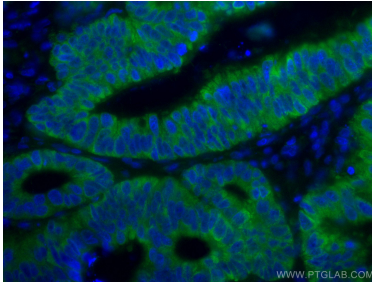
## Storage

**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**

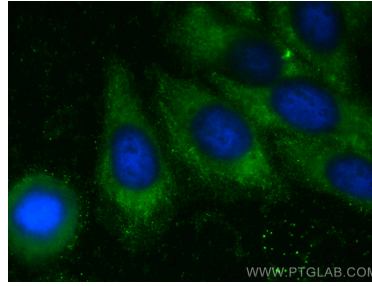
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite® Plus 488 CNOT4 antibody (CL488-67798, Clone: 4H5H3) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 CNOT4 antibody (CL488-67798, Clone: 4H5H3) at dilution of 1:800.