

For Research Use Only

CNOT4 Monoclonal antibody, PBS Only



Catalog Number: 67798-1-PBS

Basic Information

Catalog Number: 67798-1-PBS	GenBank Accession Number: BC035590	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 4850	CloneNo.: 4H5H3
Source: Mouse	UNIPROT ID: O95628	
Isotype: IgG2b	Full Name: CCR4-NOT transcription complex, subunit 4	
Immunogen Catalog Number: AG29964	Calculated MW: 575 aa, 64 kDa	
	Observed MW: 64-85 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, IF-P, Indirect ELISA

Species Specificity:
human, mouse, rat

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

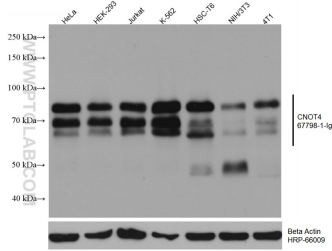
T: 4006900926

E: Proteintech-CN@ptglab.com

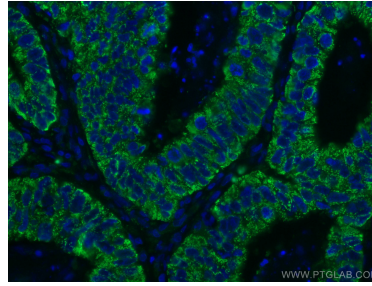
W: ptgcn.com

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

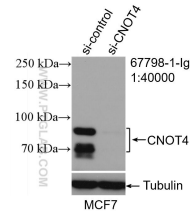
Selected Validation Data



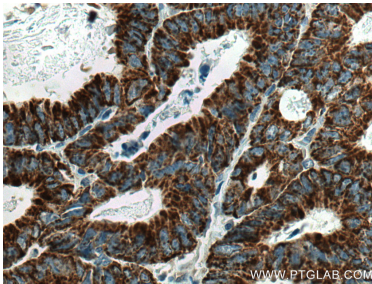
Various lysates were subjected to SDS PAGE followed by western blot with 67798-1-Ig (CNOT4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 67798-1-PBS in a different storage buffer formulation.



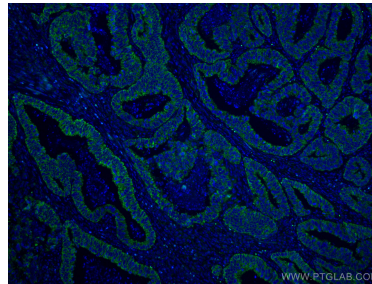
Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CNOT4 antibody (67798-1-Ig, Clone: 4H5H3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67798-1-PBS in a different storage buffer formulation.



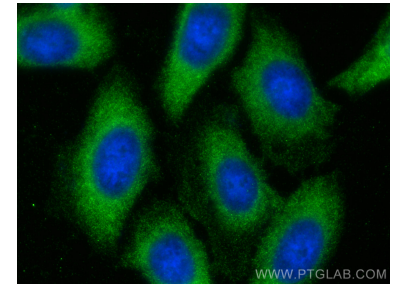
WB result of CNOT4 antibody (67798-1-Ig; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CNOT4 transfected MCF-7 cells. This data was developed using the same antibody clone with 67798-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67798-1-Ig (CNOT4 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67798-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CNOT4 antibody (67798-1-Ig, Clone: 4H5H3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67798-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CNOT4 antibody (67798-1-Ig, Clone: 4H5H3) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67798-1-PBS in a different storage buffer formulation.