

For Research Use Only

CNOT4 Recombinant antibody, PBS Only (Capture)



Catalog Number: 83615-4-PBS

Basic Information

Catalog Number: 83615-4-PBS	GenBank Accession Number: BC035590	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4850	CloneNo.: 240559E1
Source: Rabbit	UNIPROT ID: O95628	
Isotype: IgG	Full Name: CCR4-NOT transcription complex, subunit 4	
Immunogen Catalog Number: AG3163	Calculated MW: 575 aa, 64 kDa	

Applications

Tested Applications:
WB, IF/ICC, Cytometric bead array, Indirect ELISA

Species Specificity:
human, mouse

Background Information

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:

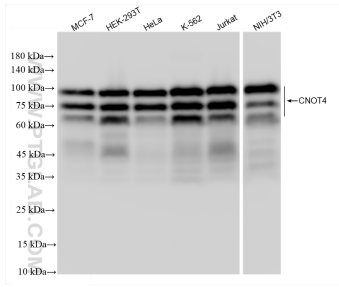
T: 4006900926

E: Proteintech-CN@ptglab.com

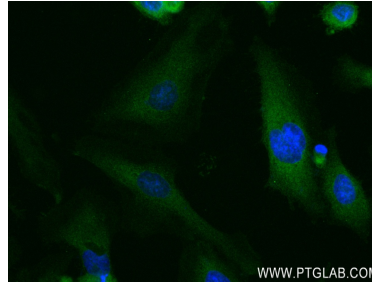
W: ptgcn.com

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

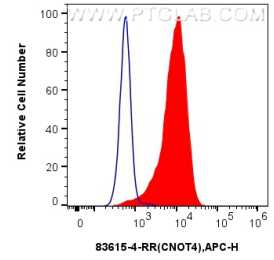
Selected Validation Data



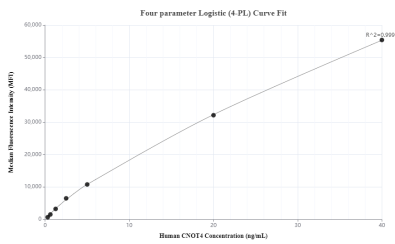
Various lysates were subjected to SDS PAGE followed by western blot with 83615-4-RR (CNOT4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83615-4-PBS in a different storage buffer formulation.



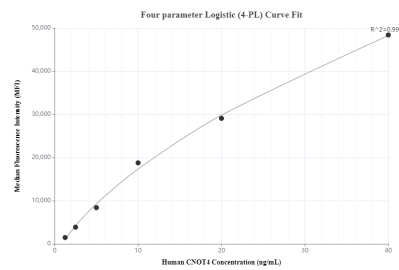
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CNOT4 antibody (83615-4-RR, Clone: 240559E1) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83615-4-PBS in a different storage buffer formulation.



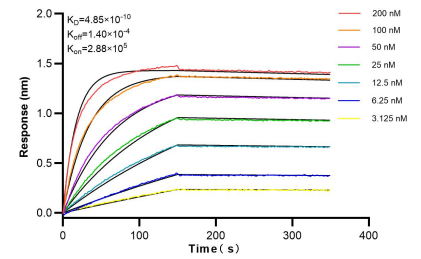
1×10^6 HeLa cells were intracellularly stained with 0.25 ug Cnot4 Recombinant Antibody (83615-4-RR, Clone:240559E1) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83615-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00593-1, CNOT4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83615-4-PBS. Detection antibody: 83615-3-PBS. Standard: Ag3163. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP00593-2, CNOT4 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83615-4-PBS. Detection antibody: 83615-1-PBS. Standard: Ag3163. Range: 1.25-40 ng/mL.



Biolayer interferometry (BLI) kinetic assays of 83615-4-RR against Human CNOT4 were performed. The affinity constant is 0.485 nM.