

For Research Use Only

CNOT4 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83615-4-PBS



Basic Information

Catalog Number:

83615-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3163

GenBank Accession Number:

BC035590

GeneID (NCBI):

4850

UNIPROT ID:

O95628

Full Name:

CCR4-NOT transcription complex,
subunit 4

Calculated MW:

575 aa, 64 kDa

Observed MW:

64-85 kDa

Purification Method:

Protein A purification

CloneNo.:

240559E1

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), Cytometric bead array,
Indirect ELISA

Species Specificity:

human, mouse

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:

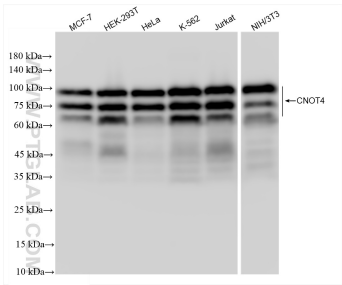
T: 4006900926

E: Proteintech-CN@ptglab.com

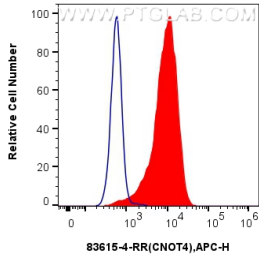
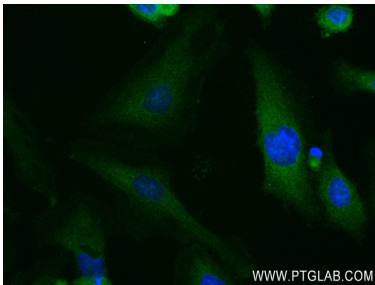
W: ptgcn.com

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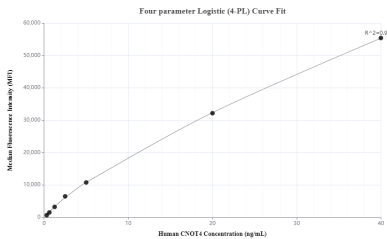
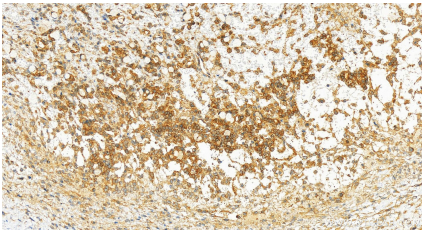
Selected Validation Data



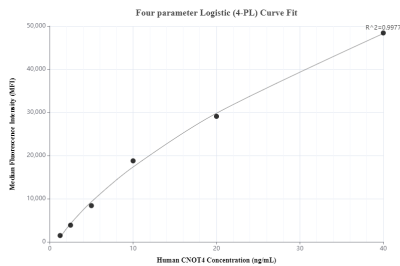
Various lysates were subjected to SDS PAGE followed by western blot with 83615-4-RR (CNOT4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83615-4-PBS in a different storage buffer formulation.



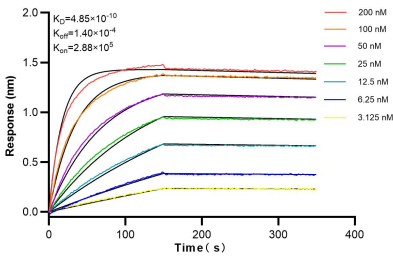
1x10⁶ HeLa cells were intracellularly stained with 0.25 ug Cnot4 Recombinant Antibody (83615-4-RR, Clone:240559E1) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). 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.