

For Research Use Only

NUDCD2 Recombinant antibody, PBS Only

Catalog Number: 83217-5-PBS

Featured Product



Basic Information

Catalog Number:

83217-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15579

GenBank Accession Number:

BC017934

GeneID (NCBI):

134492

UNIPROT ID:

Q8WVJ2

Full Name:

NudC domain containing 2

Calculated MW:

157 aa, 18 kDa

Observed MW:

18 kDa

Purification Method:

Protein A purification

CloneNo.:

230513A5

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), IP, ELISA

Species Specificity:

human

Background Information

NUDCD2, also known as NudCL2, is an HSP90 cochaperone that regulates sister chromatid cohesion during mitosis. NUDCD2 also plays a role in ciliogenesis (PMID: 30368549, 34480124). NUDCD2 regulates the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone (PMID: 20133715).

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:

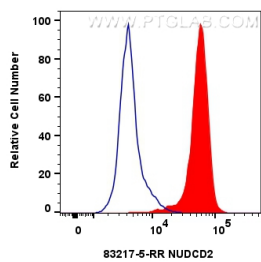
T: 4006900926

E: Proteintech-CN@ptglab.com

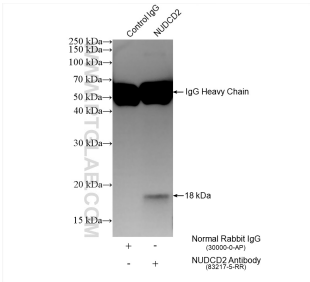
W: ptgcn.com

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

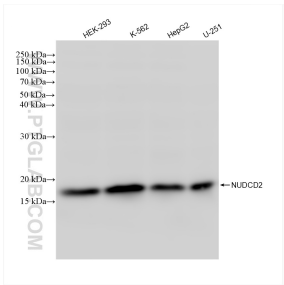
Selected Validation Data



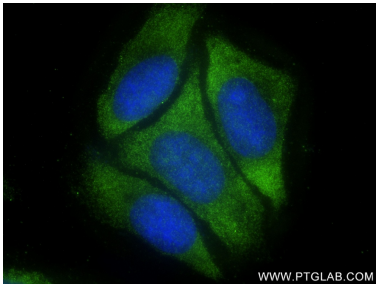
1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug NUDCD2 Recombinant antibody (83217-5-RR, Clone:230513A5) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83217-5-PBS in a different storage buffer formulation.



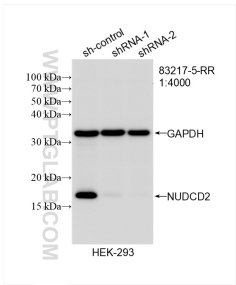
IP result of anti-NUDCD2 (IP:83217-5-RR, 4ug; Detection:83217-5-RR 1:4000) with HepG2 cells lysate 1085 ug. This data was developed using the same antibody clone with 83217-5-PBS in a different storage buffer formulation.



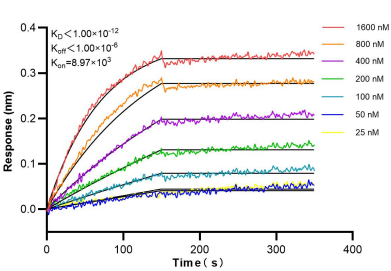
Various lysates were subjected to SDS PAGE followed by western blot with 83217-5-RR (NUDCD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83217-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using NUDCD2 antibody (83217-5-RR, Clone: 230513A5) 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 83217-5-PBS in a different storage buffer formulation.



WB result of NUDCD2 antibody (83217-5-RR; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NUDCD2 transfected HEK-293 cells. This data was developed using the same antibody clone with 83217-5-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 83217-5-RR against Human NUDCD2 were performed. The affinity constant is below 1 pM.