

For Research Use Only

# NHP2 Recombinant monoclonal antibody, PBS Only

Catalog Number:86677-1-PBS



## Basic Information

<b>Catalog Number:</b> 86677-1-PBS	<b>GenBank Accession Number:</b> BC000009	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 55651	<b>CloneNo.:</b> 251700B11
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9NX24	
<b>Immunogen Catalog Number:</b> AG7251	<b>Full Name:</b> NHP2 ribonucleoprotein homolog (yeast)	
	<b>Calculated MW:</b> 17 kDa	
	<b>Observed MW:</b> 17-22 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

NHP2 belongs to the H/ACA small nucleolar ribonucleoprotein (H/ACA snoRNP) complex, which catalyzes pseudouridylation of rRNA. It is required for ribosome biogenesis and telomere maintenance, and for correct processing or intranuclear trafficking of TERC, the RNA component of the telomerase reverse transcriptase (TERT) holoenzyme.

## 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, pH7.3

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

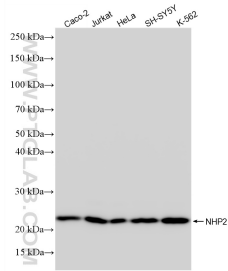
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

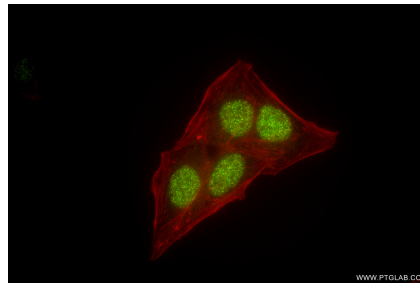
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Caco-2 cells were subjected to SDS PAGE followed by western blot with 86677-1-RR (NHP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86677-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NHP2 antibody (86677-1-RR, Clone: 251700B11) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86677-1-PBS in a different storage buffer formulation.