

For Research Use Only

# NSUN2 Monoclonal antibody

Catalog Number: 66580-1-Ig

Featured Product

4 Publications



## Basic Information

### Catalog Number:

66580-1-Ig

### Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 597 ug/ml by Bradford method using BSA as the standard;

### Source:

Mouse

### Isotype:

IgG2a

### Immunogen Catalog Number:

AG14791

### GenBank Accession Number:

BC001041

### GeneID (NCBI):

54888

### UNIPROT ID:

Q08J23

### Full Name:

NOL1/NOP2/Sun domain family, member 2

### Calculated MW:

767 aa, 86 kDa

### Observed MW:

100 kDa

### Purification Method:

Protein A purification

### CloneNo.:

2H5A2

### Recommended Dilutions:

WB 1:5000-1:50000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:1000-1:4000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IF, CoIP

### Species Specificity:

Human

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB : COLO 320 cells, HepG2 cells, Caco-2 cells, HEK-293 cells, Jurkat cells

IP : HepG2 cells,

IHC : human oesophagus cancer tissue, human breast cancer tissue

IF/ICC : HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Ri-Xin Chen	31619685	Nat Commun	WB
Yoon A Kim	36357715	Acta Neuropathol	IF
Lishi Liu	38768712	Virol Sin	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

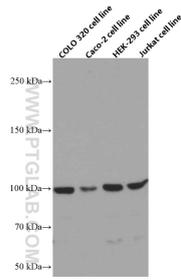
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

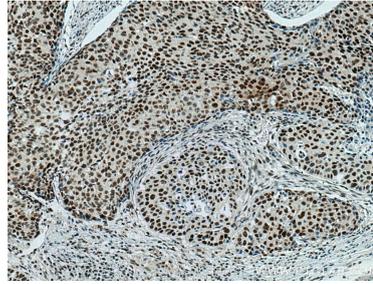
E: proteintech@ptglab.com  
W: ptglab.com

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

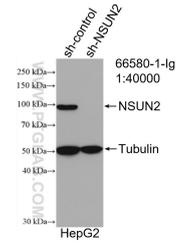
## Selected Validation Data



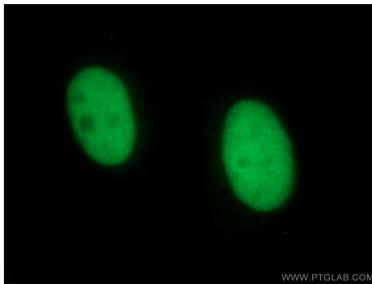
Various lysates were subjected to SDS PAGE followed by western blot with 66580-1-Ig (NSUN2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



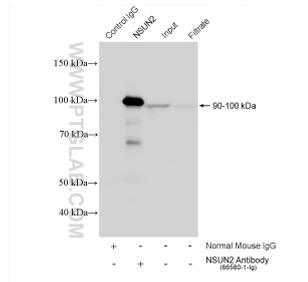
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 66580-1-Ig (NSUN2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of NSUN2 antibody (66580-1-Ig; 1:40000; room temperature for 1.5 hours) with negative control and NSUN2 overexpressed HepG2 cells.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 66580-1-Ig (NSUN2 antibody) at dilution of 1:200 and Alexa Fluor 488-conjugated Goat Anti-Mouse IgG(H+L).



IP result of anti-NSUN2 (IP:66580-1-Ig, 4ug; Detection:66580-1-Ig 1:4000) with HepG2 cells lysate 1920 ug.