

For Research Use Only

NSUN2 Monoclonal antibody

Catalog Number: 66580-1-Ig

Featured Product

6 Publications



Basic Information

Catalog Number:

66580-1-Ig

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,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Ri-Xin Chen	31619685	Nat Commun	WB
Yoon A Kim	36357715	Acta Neuropathol	IF
Na Luan	40505231	Int Immunopharmacol	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

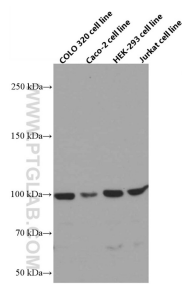
T: 4006900926

E: Proteintech-CN@ptglab.com

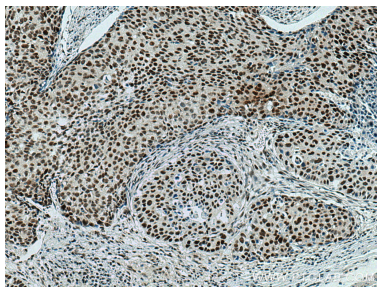
W: ptgcn.com

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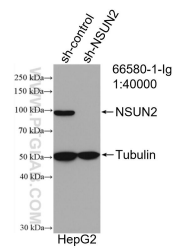
Selected Validation Data



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



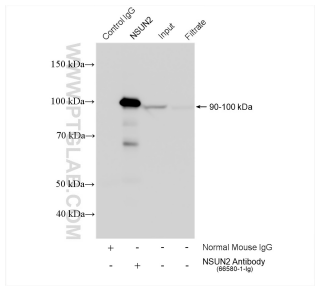
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 66580-1-Ig (NSUN2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.