

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

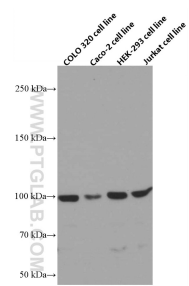
For technical support and original validation data for this product please contact:

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

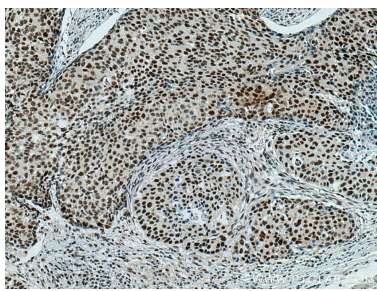
E: proteintech@ptglab.com
W: ptglab.com

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

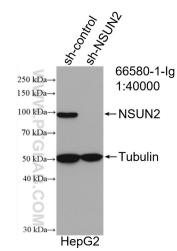
Selected Validation Data



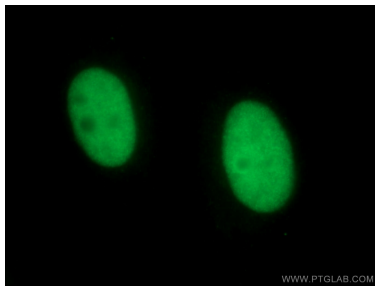
Various lysates were subjected to SDS PAGE followed by western blot with 66580-1-Ig (NSUN2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



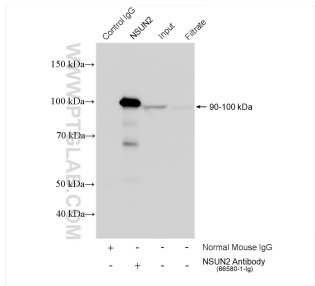
Immunohistochemical analysis of paraffin-embedded human oesophagus cancer tissue slide using 66580-1-Ig (NSUN2 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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.