

For Research Use Only

# NSUN2 Monoclonal antibody

Catalog Number: 66580-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 66580-1-Ig	<b>GenBank Accession Number:</b> BC001041	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 54888	<b>CloneNo.:</b> 2H5A2
<b>Source:</b> Mouse	<b>Full Name:</b> NOL1/NOP2/Sun domain family, member 2	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:1000-1:4000 IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 767 aa, 86 kDa	
<b>Immunogen Catalog Number:</b> AG14791	<b>Observed MW:</b> 100 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB:</b> COLO 320 cells, Caco-2 cells, HEK-293 cells, Jurkat cells
<b>Species Specificity:</b> Human	<b>IHC:</b> human oesophagus cancer tissue, human breast cancer tissue
<b>Cited Species:</b> human	<b>IF:</b> HepG2 cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Ri-Xin Chen	31619685	Nat Commun	WB

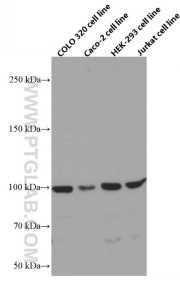
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

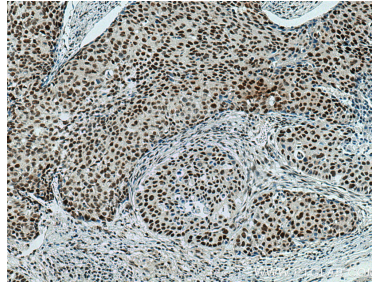
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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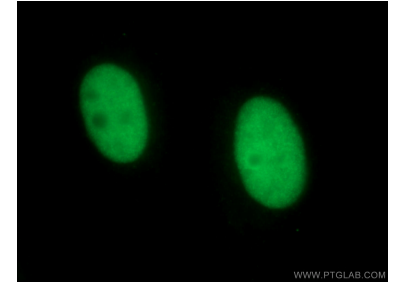
## Selected Validation Data



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).



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