

For Research Use Only

NSUN2 Recombinant antibody, PBS Only (Detector)



Catalog Number: 82894-1-PBS

Basic Information

| | | |
|---|---|---|
| Catalog Number: 82894-1-PBS | GenBank Accession Number: BC001041 | Purification Method: Protein A purification |
| Size: 1mg/ml | GeneID (NCBI): 54888 | CloneNo.: 230186A6 |
| Source: Rabbit | UNIPROT ID: Q08J23 | |
| Isotype: IgG | Full Name: NOL1/NOP2/Sun domain family, member 2 | |
| Immunogen Catalog Number: AG14791 | Calculated MW: 767 aa, 86 kDa | |

Applications

Tested Applications:
IF, Indirect ELISA, Cytometric bead array

Species Specificity:
Human

Background Information

NSUN2, also known as SAKI or Misu (Myc-induced SUN-domain-containing protein), is a methyltransferase which catalyses (cytosine-5-)-methylation of tRNA. NSUN2 is direct target gene of c-Myc and may act downstream of Myc to regulate epidermal cell growth and proliferation. NSUN2 is overexpressed in various cancer tissues and may be a valuable target for cancer therapy and a cancer diagnostic marker. Recently a splicing mutation in NSUN2 has been identified as the cause of a Dubowitz-like syndrome, an autosomal recessive disorder.

Storage

Storage:
Store at -80°C.
Storage Buffer:
100% PBS pH 7.3

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

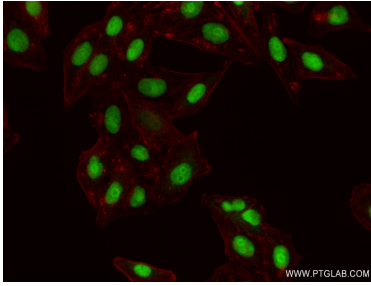
T: 4006900926

E: Proteintech-CN@ptglab.com

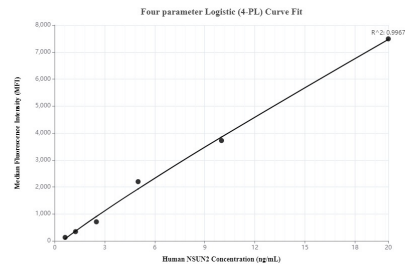
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NSUN2 antibody (82894-1-RR, Clone: 230186A6) at dilution of 1:500 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82894-1-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00112-1, NSUN2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82894-4-PBS. Detection antibody: 82894-1-PBS. Standard: Ag14791. Range: 0.625-20 ng/mL.