## For Research Use Only

## CoraLite® Plus 488-conjugated NSUN2 Recombinant antibody

Catalog Number: CL488-82894-7

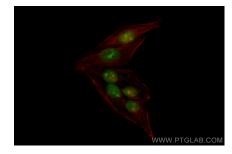
Basic Information	Catalog Number: CL488-82894-7	GenBank Accession Number: BC001041	Purification Method: Protein A purification	
	Size: 1000 µ g/ml	GenelD (NCBI): 54888	CloneNo.: 230186H8	
	Source: Rabbit	UNIPROT ID: Q08J23	Recommended Dilutions: IF/ICC 1:50-1:500	
	Isotype: IgG Immunogen Catalog Number: AG14791	Full Name: NOL1/NOP2/Sun domain family, member 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm	
		Calculated MW: 767 aa, 86 kDa		
		Observed MW: 90-100 kDa		
Applications	Tested Applications:	Positive Controls:		
	IF/ICC Species Specificity: human	IF/ICC : Hep	oG2 cells,	
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 -20°C. Avoid exposure to light. Stable for one year after shipment. Storage Buffer: PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.			
	Aliquoting is unnecessary for -20°C storage			

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Coralite® Plus 488 NSUN2 antibody (CL488-82894-7, Clone: 230186H8) at dilution of 1:200.