

For Research Use Only

CoraLite® Plus 488-conjugated NSUN2 Polyclonal antibody



Catalog Number: CL488-20854

Featured Product

Basic Information

Catalog Number: CL488-20854	GenBank Accession Number: BC001041	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54888	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Source: Rabbit	Full Name: NOL1/NOP2/Sun domain family, member 2	
Isotype: IgG	Calculated MW: 767 aa, 86 kDa	
Immunogen Catalog Number: AG14791	Observed MW: 90-100 kDa	

Applications

Tested Applications:
FC (Intra)

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 -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

*** 20ul sizes contain 0.1% BSA

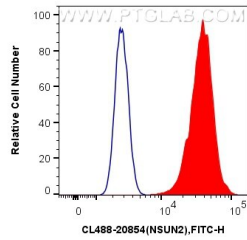
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human NSUN2 (CL488-20854) (red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000, Clone:) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.