

For Research Use Only

# CoraLite® Plus 488-conjugated NSUN2 Recombinant antibody

Catalog Number: CL488-82894-2

Featured Product



## Basic Information

**Catalog Number:**

CL488-82894-2

**Size:**

100ul , Concentration: 1000 ug/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**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:**

90-100 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

230186G2

**Recommended Dilutions:**

IF/ICC 1:50-1:500

**Excitation/Emission maximum wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

human

**Positive Controls:**

IF/ICC : HeLa 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

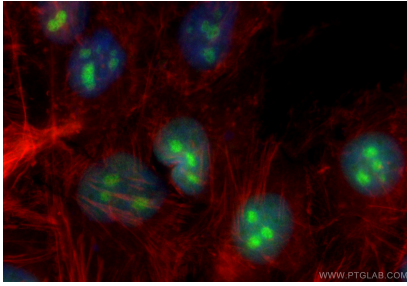
For technical support and original validation data for this product please contact:

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

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 NSUN2 antibody (CL488-82894-2, Clone: 230186G2) at dilution of 1:200, CL594-Phalloidin (red).