

For Research Use Only

# CoraLite® Plus 488-conjugated SNRPN Monoclonal antibody

Catalog Number: CL488-67280



## Basic Information

Catalog Number:

CL488-67280

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG14030

GenBank Accession Number:

BC000611

GeneID (NCBI):

6638

UNIPROT ID:

P63162

Full Name:

small nuclear ribonucleoprotein polypeptide N

Calculated MW:

240 aa, 25 kDa

Observed MW:

27-29 kDa

Purification Method:

Protein G purification

CloneNo.:

1H2F4

Recommended Dilutions:

IF/ICC 1:500-1:2000

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : U-251 cells,

## Background Information

SNRPN, or SNURF-SNRPN, is a bistrionic imprinted gene that encodes 2 polypeptides, the SmN splicing factor, which is involved in RNA processing, and the SNRPN upstream reading frame (SNURF) polypeptide. The SNRPN gene is transcribed exclusively from the paternally inherited chromosome and shows highest expression in brain and heart. SNRPN may play a role in etiology of Prader-Willi syndrome.

## 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:

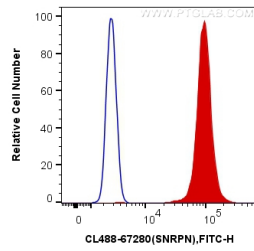
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

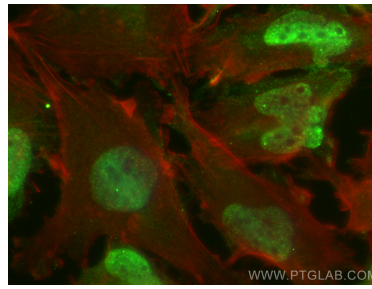
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## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human SNRPN (CL488-67280, Clone:1H2F4) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using CoraLite® Plus 488 SNRPN antibody (CL488-67280, Clone: 1H2F4) at dilution of 1:1000, CL594-Phalloidin (red).