

For Research Use Only

CoraLite® Plus 488-conjugated SND1 Monoclonal antibody



Catalog Number: CL488-60265

Featured Product

Basic Information

Catalog Number:

CL488-60265

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1200

GenBank Accession Number:

BC017180

GeneID (NCBI):

27044

UNIPROT ID:

Q7KZF4

Full Name:

staphylococcal nuclease and tudor domain containing 1

Calculated MW:

101 kDa

Observed MW:

101 kDa

Purification Method:

Protein G purification

CloneNo.:

1A6A4

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Staphylococcal nuclease domain-containing 1 (SND1), is a multifunctional nuclease that consists of four staphylococcal nuclease domains and a tudor domain. SND1 acts as a coactivator that facilitates transcriptional activity of STAT5, 6 and c-Myc. SND1 is a comprising part of the RNA-induced silencing complex(RISC), and takes part in the functions of miRNA, regulates transcription through transcriptional coactivation, RNA interference, RNA splicing, and RNA editing. Higher level of SND1 has been found in colon cancer and prostate cancer, can promote HCC angiogenesis in xenograft model through induction of angiogenic factors.

Storage

Storage:

Store at -20°C. Avoid exposure to light.

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:

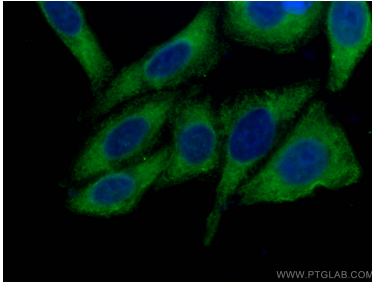
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using Coralite® Plus 488-conjugated SND1 antibody (CL488-60265, Clone: 1A6A4) at dilution of 1:100.