

For Research Use Only

PE-conjugated SNRNP200 Polyclonal antibody

Catalog Number: PE-23875



Basic Information

Catalog Number:

PE-23875

Size:

200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20748

GenBank Accession Number:

BC001417

GeneID (NCBI):

23020

UNIPROT ID:

O75643

Full Name:

small nuclear ribonucleoprotein

200kDa (U5)

Calculated MW:

494 aa, 57 kDa

Observed MW:

200-245 kDa

Purification Method:

Antigen affinity purification

Excitation/Emission maxima

wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human, mouse

Background Information

SNRNP200 (small nuclear ribonucleoprotein 200kDa (U5)), also known as HELIC2, ASCC3L1 or BRR2, is a 2,136 amino acid protein that localizes to the nucleus and contains two SEC63 domains, two helicase C-terminal domains and two helicase ATP-binding domains. Existing as multiple alternatively spliced isoforms, HELIC2 functions as an RNA helicase that is thought to promote specific RNA-RNA conformational changes which are important in the second step of RNA splicing. The gene encoding HELIC2 maps to human chromosome 2, which houses over 1,400 genes and comprises nearly 8% of the human genome. Harlequin ichthyosis, a rare and morbid skin deformity, is associated with mutations in the chromosome 2-localized ABCA12 gene, while the lipid metabolic disorder sitosterolemia is associated with defects in the ABCG5 and ABCG8 genes, which also map to chromosome 2. The observed molecular weight of SNRNP200 is 200-245kd.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

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

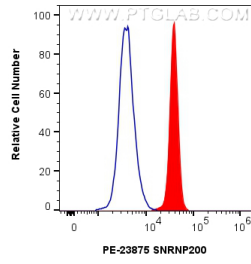
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



1x10⁶ A431 cells were intracellularly stained with 0.2 ug PE Snrnp200 Polyclonal Antibody (PE-23875)(red), or 0.2 ug Control Antibody (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).