

For Research Use Only

PE-conjugated SNRNP200 Polyclonal antibody

Catalog Number: PE-23875



Basic Information

Catalog Number: PE-23875	GenBank Accession Number: BC001417	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 200 µg/ml by Nanodrop;	GeneID (NCBI): 23020	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Source: Rabbit	UNIPROT ID: O75643	
Isotype: IgG	Full Name: small nuclear ribonucleoprotein 200kDa (U5)	
Immunogen Catalog Number: AG20748	Calculated MW: 494 aa, 57 kDa	
	Observed MW: 200-245 kDa	

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

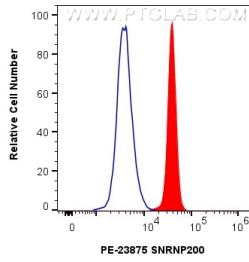
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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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).