

For Research Use Only

PRPF19 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 88331-1-PBS



Basic Information

Catalog Number: 88331-1-PBS	GenBank Accession Number: BC008719	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 27339	CloneNo.: 260837A11
Isotype: IgG	UNIPROT ID: Q9UMS4	
Immunogen Catalog Number: AG7700	Full Name: PRP19/PSO4 pre-mRNA processing factor 19 homolog (S. cerevisiae)	
	Calculated MW: 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications:
WB, IF/ICC, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Background Information

PRPF19 is involved in several processes, including DNA damage checkpoint signaling; cellular protein metabolic process; and mRNA splicing, via spliceosome.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

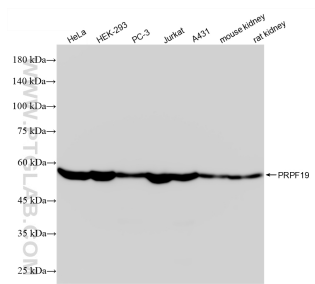
T: 4006900926

E: Proteintech-CN@ptglab.com

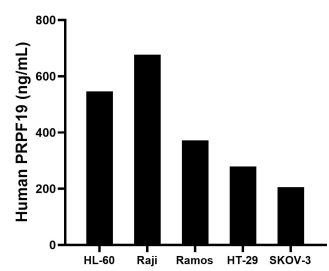
W: ptgcn.com

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

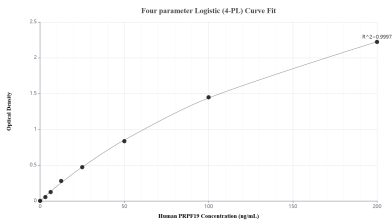
Selected Validation Data



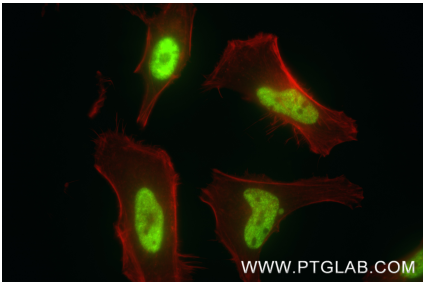
Various lysates were subjected to SDS PAGE followed by western blot with 88331-1-RR (PRPF19 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 88331-1-PBS in a different storage buffer formulation.



The mean PRPF19 concentration was determined to be 545.95 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load, 677.04 ng/mL in Raji cell extract based on a 1.50 mg/mL extract load, 371.27 ng/mL in Ramos cell extract based on a 1.20 mg/mL extract load, 278.50 ng/mL in HT-29 cell extract based on a 1.20 mg/mL extract load and 205.25 ng/mL in SKOV-3 cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03457-2, Human PRPF19 Recombinant Matched Antibody Pair - PBS only. 88331-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7700. 88331-4-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PRPF19 antibody (88331-1-RR, Clone: 260837A11) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 88331-1-PBS in a different storage buffer formulation.