

For Research Use Only

PRPS1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 86217-1-PBS



Basic Information

Catalog Number: 86217-1-PBS	GenBank Accession Number: BC001605	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 5631	CloneNo.: 250201C1
Source: Rabbit	UNIPROT ID: P60891	
Isotype: IgG	Full Name: phosphoribosyl pyrophosphate synthetase 1	
Immunogen Catalog Number: AG7907	Calculated MW: 318 aa, 35 kDa	
	Observed MW: 33 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA, Sample test

Species Specificity:
human, mouse

Background Information

PRPS1, also named as Ribose-phosphate pyrophosphokinase 1, is a 318 amino acid protein, which belongs to the ribose-phosphate pyrophosphokinase family. PRPS1 can form Homodimer and the active form is probably a hexamer composed of 3 homodimers. PRPS1 catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) which is essential for nucleotide synthesis. PRPS1 as a module has an association with the Hepatocellular carcinoma.

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:

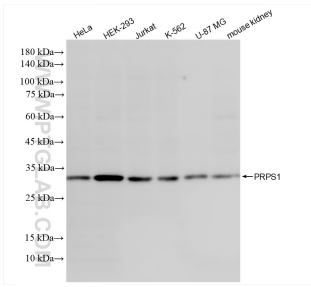
T: 4006900926

E: Proteintech-CN@ptglab.com

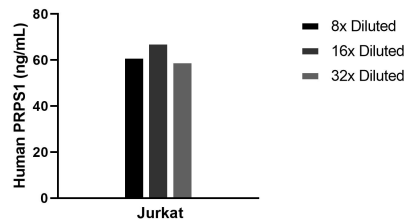
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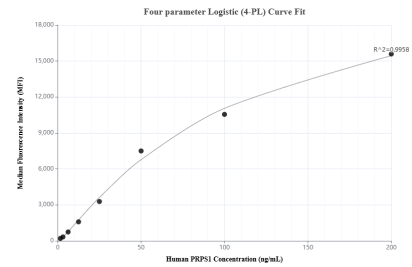
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86217-1-RR (PRPS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86217-1-PBS in a different storage buffer formulation.



The mean PRPS1 concentration was determined to be 62.7 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP02295-1, PRPS1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86217-2-PBS. Detection antibody: 86217-1-PBS. Standard: Ag7907. Range: 1.56-200 ng/mL.