

# MRPP3 Monoclonal antibody, PBS Only

Catalog Number: **68168-1-PBS**

## Basic Information

Catalog Number: <b>68168-1-PBS</b>	GenBank Accession Number: <b>BC032221</b>	Purification Method: <b>Protein G purification</b>
Size: <b>1 mg/ml</b>	GeneID (NCBI): <b>9692</b>	CloneNo.: <b>1G9A10</b>
Source: <b>Mouse</b>	UNIPROT ID: <b>O15091</b>	
Isotype: <b>IgG1</b>	Full Name: <b>KIAA0391</b>	
Immunogen Catalog Number: <b>AG15629</b>	Calculated MW: <b>583 aa, 67 kDa</b>	
	Observed MW: <b>65-67 kDa</b>	

## Applications

Tested Applications:  
**WB, Indirect ELISA**

Species Specificity:  
**Human, Mouse, Pig**

## Background Information

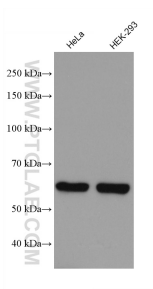
MRPP3 (Mitochondrial ribonuclease P protein 3), originally known as KIAA0391, has been identified as a member of human mitochondrial RNase P (mtRNase P), the endonuclease responsible for tRNA 5' end maturation by removing extra nucleotides from tRNA precursors at their 5' termini. Recently Daniel et al. reported that RNase P and other mitochondrial RNA processing enzymes are localized near mt DNA nucleoids where they can initiate process of primary transcripts. (24703694)

## Storage

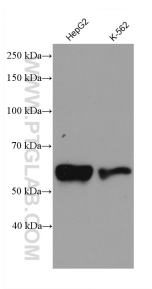
Storage:  
Store at **-80°C**.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:  
**PBS Only**

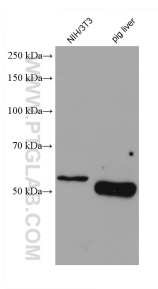
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68168-1-Ig (MRPP3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68168-1-PBS in a different storage buffer formulation.



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