

For Research Use Only

# MRPP3 Monoclonal antibody

Catalog Number: 68168-1-Ig



## Basic Information

<b>Catalog Number:</b> 68168-1-Ig	<b>GenBank Accession Number:</b> BC032221	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9692	<b>CloneNo.:</b> 1G9A10
<b>Source:</b> Mouse	<b>Full Name:</b> KIAA0391	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 583 aa, 67 kDa	
<b>Immunogen Catalog Number:</b> AG15629	<b>Observed MW:</b> 65-67 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HepG2 cells, NIH/3T3 cells, HEK-293 cells, K-562 cells, pig liver tissue
<b>Species Specificity:</b> 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

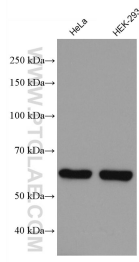
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

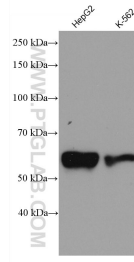
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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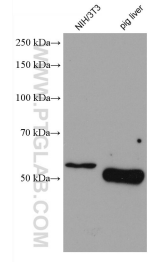
## Selected Validation Data



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.



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