

For Research Use Only

# GMPR 1/2 Recombinant monoclonal antibody

Catalog Number:86918-1-RR



## Basic Information

<b>Catalog Number:</b> 86918-1-RR	<b>GenBank Accession Number:</b> BC008281	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 2766	<b>CloneNo.:</b> 251923G7
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> P36959	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000
<b>Immunogen Catalog Number:</b> AG8185	<b>Full Name:</b> guanosine monophosphate reductase	
	<b>Calculated MW:</b> 345 aa, 37 kDa	
	<b>Observed MW:</b> 37-40 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, mouse, rat

**Positive Controls:**

WB : mouse skeletal muscle tissue, rat skeletal muscle tissue, mouse skin tissue, rat skin tissue

## Background Information

GMPR (Guanosine monophosphate reductase) catalyzes the irreversible NADPH-dependent reductive deamination of guanosine monophosphate (GMP) to inosine monophosphate (IMP). GMPR is able to convert guanosine nucleotides to the pivotal precursor of both guanine (G) and adenine (A) nucleotides. It plays an important role in maintaining the intracellular balance of A and G nucleotides. This antibody can recognize both GMPR1 and GMPR2 due to the high homology.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

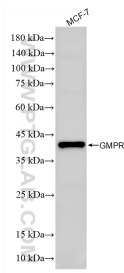
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

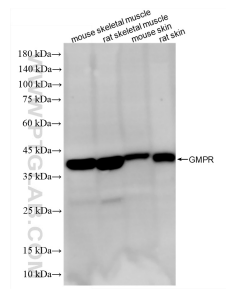
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86918-1-RR (GMPR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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