

For Research Use Only

# PRMT3 Recombinant antibody

Catalog Number:83969-6-RR



## Basic Information

<b>Catalog Number:</b> 83969-6-RR	<b>GenBank Accession Number:</b> BC037544	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 10196	<b>CloneNo.:</b> 241092H2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60678	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:50-1:500 IF/ICC 1:125-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> protein arginine methyltransferase 3	
<b>Immunogen Catalog Number:</b> AG13466	<b>Calculated MW:</b> 531 aa, 60 kDa	
	<b>Observed MW:</b> 60-68 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, FC (Intra), ELISA	<b>Positive Controls:</b> WB : HepG2 cells, HuH-7 cells, SW480 cells, HEK-293 cells IHC : mouse liver tissue, IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

PRMT3 (protein arginine methyltransferase 3) regulates protein functions by introducing asymmetric dimethylation marks at the arginine residues in proteins.

## 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

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

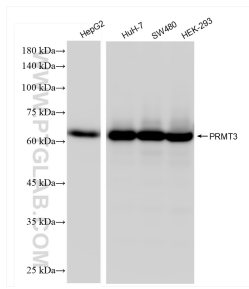
T: 4006900926

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

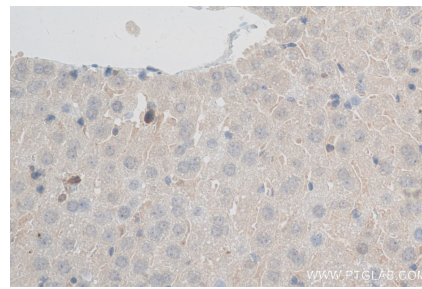
W: [ptgcn.com](http://ptgcn.com)

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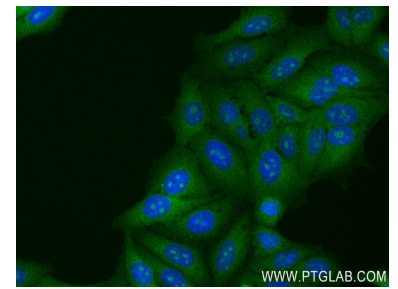
## Selected Validation Data



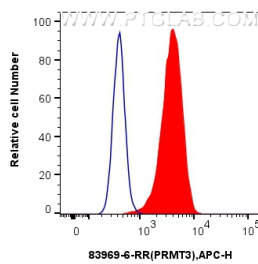
Various lysates were subjected to SDS PAGE followed by western blot with 83969-6-RR (PRMT3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 83969-6-RR (PRMT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PRMT3 antibody (83969-6-RR, Clone: 241092H2) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



$1 \times 10^6$  MCF-7 cells were intracellularly stained with 0.25  $\mu$ g PRMT3 Recombinant antibody (83969-6-RR, Clone:241092H2) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).