

For Research Use Only

# PRMT5 Recombinant antibody, PBS Only

Catalog Number: 82750-3-PBS



## Basic Information

Catalog Number:

82750-3-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9736

GenBank Accession Number:

BC025979

GeneID (NCBI):

10419

UNIPROT ID:

O14744

Full Name:

protein arginine methyltransferase 5

Calculated MW:

637 aa, 73 kDa

Observed MW:

67-70 kDa

Purification Method:

Protein A purification

CloneNo.:

250553F4

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

PRMT5 is a Type II enzyme that catalyzes arginine monomethylation and symmetric dimethylation (Rme1 and Rme2s). The many targets of PRMT5 include ribosomal proteins, the histone chaperone nucleoplasmin, p53, and histones. PRMT5 is frequently observed in a complex with the cofactor, methylosome protein 50 (MEP50), which is required for PRMT5 activity. PRMT5 is upregulated in several human malignancies, including lymphomas, lung cancer, breast cancer and colorectal cancer.

## 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:

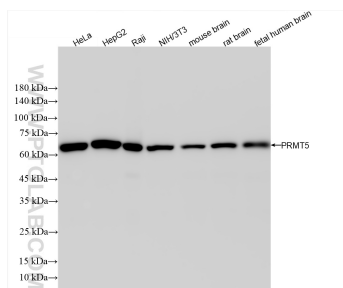
T: 4006900926

E: Proteintech-CN@ptglab.com

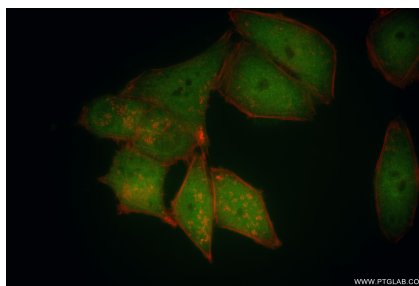
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82750-3-RR (PRMT5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82750-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PRMT5 antibody (82750-3-RR, Clone: 250553F4 ) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82750-3-PBS in a different storage buffer formulation.