

For Research Use Only

# CoraLite® Plus 488-conjugated PRM1 Polyclonal antibody



Catalog Number: CL488-15697

## Basic Information

Catalog Number:

CL488-15697

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8323

GenBank Accession Number:

BC003673

GeneID (NCBI):

5619

UNIPROT ID:

P04553

Full Name:

PRM1

Calculated MW:

51 aa, 6 kDa

Observed MW:

20 kDa

Purification Method:

Antigen Affinity Purified

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF : mouse testis tissue,

## Background Information

PRM1 is a 51 amino acid protein. PRM1 substitute for histones in the chromatin of sperm during the haploid phase of spermatogenesis. They compact sperm DNA into a highly condensed, stable and inactive complex. PRM1 is expressed in testis. The calculated molecular weight of PRM1 is 9 kDa, but Phosphorylated protein is about 20 kDa. (PMID: 24818823)

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

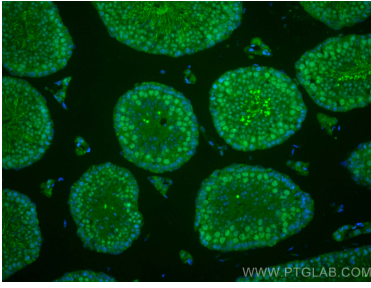
T: 4006900926

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

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using CoraLite® Plus 488 PRM1 antibody (CL488-15697) at dilution of 1:200.