

For Research Use Only

# CoraLite®594-conjugated PRM1 Polyclonal antibody



Catalog Number:CL594-15697

## Basic Information

<b>Catalog Number:</b> CL594-15697	<b>GenBank Accession Number:</b> BC003673	<b>Purification Method:</b> Antigen Affinity Purified
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5619	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> PRM1	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 51 aa, 6 kDa	
<b>Immunogen Catalog Number:</b> AG8323	<b>Observed MW:</b> 20 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : mouse testis tissue,
<b>Species Specificity:</b> human, mouse, rat	

## 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

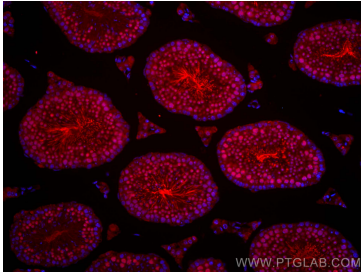
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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

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@594 PRM1 antibody (CL594-15697) at dilution of 1:200.