

For Research Use Only

CoraLite® Plus 488-conjugated PRM1 Polyclonal antibody



Catalog Number: CL488-15697

Basic Information

Catalog Number: CL488-15697	GenBank Accession Number: BC003673	Purification Method: Antigen Affinity Purified
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5619	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: PRM1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 51 aa, 6 kDa	
Immunogen Catalog Number: AG8323	Observed MW: 20 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse testis tissue,
Species Specificity: 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

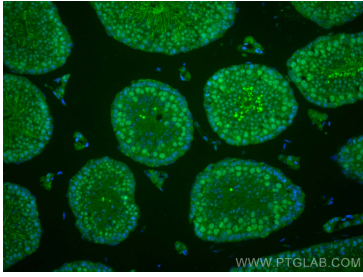
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
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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.