

For Research Use Only

CoraLite®594-conjugated PRM1 Polyclonal antibody

Catalog Number:CL594-15697



Basic Information

Catalog Number:

CL594-15697

Size:

1000 ug/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-P 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P : 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:

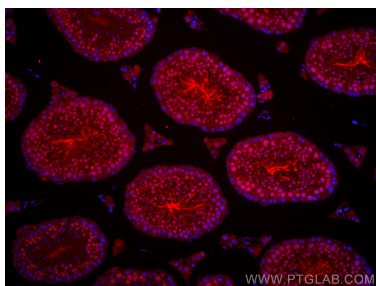
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse testis tissue using CoraLite®594 PRM1 antibody (CL594-15697) at dilution of 1:200.