

For Research Use Only

PRM2 Recombinant antibody

Catalog Number: 83814-1-RR



Basic Information

Catalog Number:

83814-1-RR

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5952

GenBank Accession Number:

BC066338

GeneID (NCBI):

5620

UNIPROT ID:

P04554

Full Name:

protamine 2

Calculated MW:

13 kDa

Observed MW:

10-20 kDa

Purification Method:

Protein A purification

CloneNo.:

240576B4

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : human testis tissue,

Background Information

PRM2 (Protamine-2) is the main DNA-binding protein in the sperm nucleus, consisting of a C-terminal mature PRM2 (mPRM2) domain and an N-terminal Lytic PRM2 (cPRM2) domain, which is lysed sequentially after binding to DNA. PRM2 plays an important role in spermatogenesis and development. PRM2 is specifically expressed in sperm and localized in the sperm nucleus.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

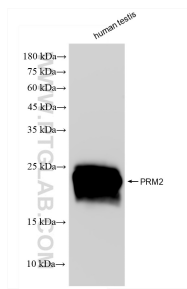
For technical support and original validation data for this product please contact:

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Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 83814-1-RR (PRM2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.