

For Research Use Only

# DAZL Recombinant monoclonal antibody, PBS Only

Catalog Number: 86344-3-PBS



## Basic Information

### Catalog Number:

86344-3-PBS

### Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG37074

### GenBank Accession Number:

BC027595

### GeneID (NCBI):

1618

### UNIPROT ID:

Q92904

### Full Name:

deleted in azoospermia-like

### Calculated MW:

295 aa, 33 kDa

### Observed MW:

37 kDa

### Purification Method:

Protein A purification

### CloneNo.:

251035E11

## Applications

### Tested Applications:

WB, IHC, IF-P, IP, Indirect ELISA

### Species Specificity:

human, mouse, rat

## Background Information

DAZL proteins are germ cell-specific RNA-binding proteins and are considered major regulators of spermatogenesis. Because DAZL is a novel protein expressed specifically in germ cells, it is widely employed as a germ cell marker. In humans, immunostaining shows DAZL is abundant in the cytoplasm of primary spermatocytes, but scarce in spermatogonia.

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

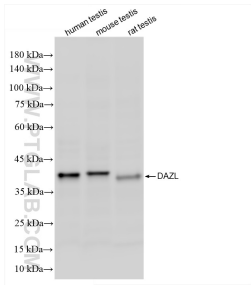
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

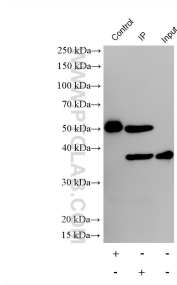
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

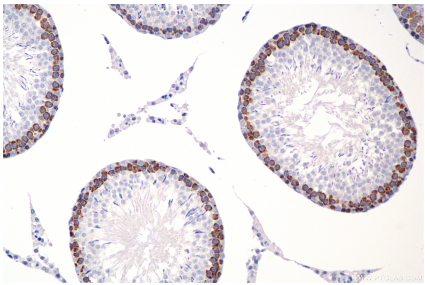
Selected Validation Data



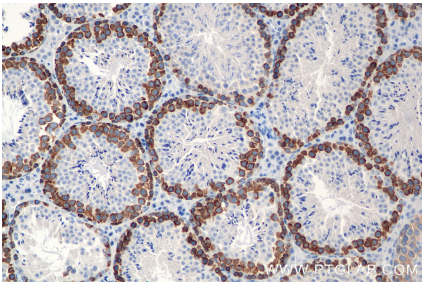
Various lysates were subjected to SDS PAGE followed by western blot with 86344-3-RR (DAZL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



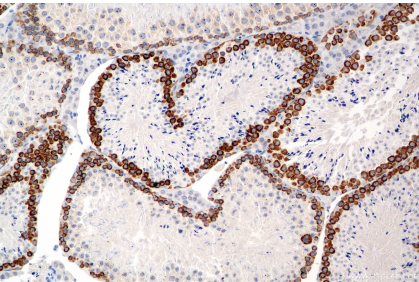
IP result of anti-DAZL (IP:86344-3-RR, 4ug; Detection:86344-3-RR 1:600) with mouse testis tissue lysate 1680 ug. This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



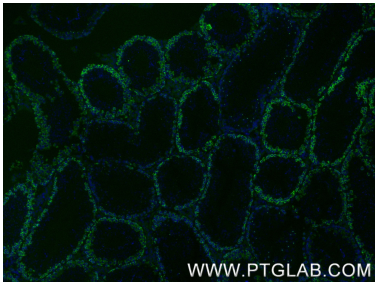
Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 86344-3-RR (DAZL antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



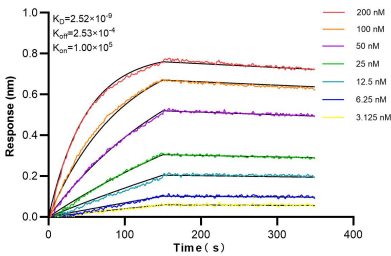
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 86344-3-RR (DAZL antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 86344-3-RR (DAZL antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using DAZL antibody (86344-3-RR, Clone: 251035E11) at dilution of 1:2000 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86344-3-RR against Human DAZL were performed. The affinity constant is 2.52 nM.