

For Research Use Only

# DAZL Recombinant monoclonal antibody, PBS Only

Catalog Number: 86344-3-PBS



## Basic Information

Catalog Number:	86344-3-PBS	GenBank Accession Number:	BC027595	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GenID (NCBI):	1618	CloneNo.:	251035E11
Source:	Rabbit	UNIPROT ID:	Q92904		
Isotype:	IgG	Full Name:	deleted in azoospermia-like		
Immunogen Catalog Number:	AG37074	Calculated MW:	295 aa, 33 kDa		
		Observed MW:	37 kDa		

## 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.

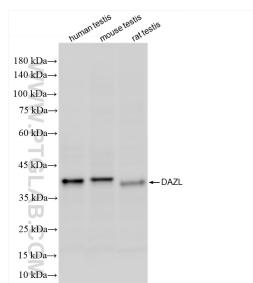
## Storage

Storage:  
Store at -80°C.  
Storage Buffer:  
PBS only, pH7.3

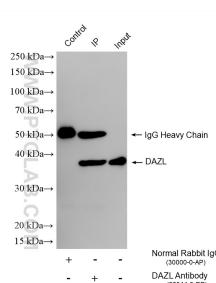
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

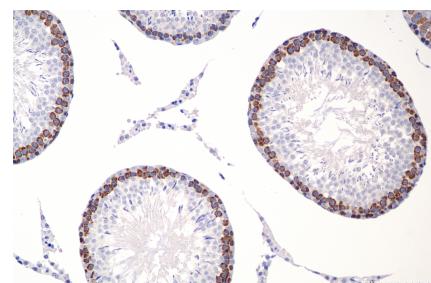
## Selected Validation Data



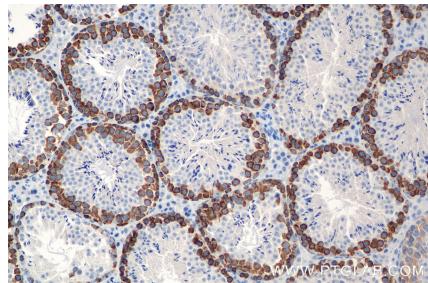
Various lysates were subjected to SDS PAGE followed by western blot with 86344-3-RR (DAZL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



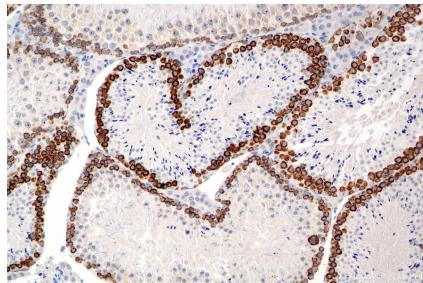
IP result of anti-DAZL (IP:86344-3-RR, 4ug; Detection:86344-3-RR 1:600) with mouse testis tissue lysate 1680 ug. This data was developed using the same antibody clone with 86344-3-PBS in a different storage buffer formulation.



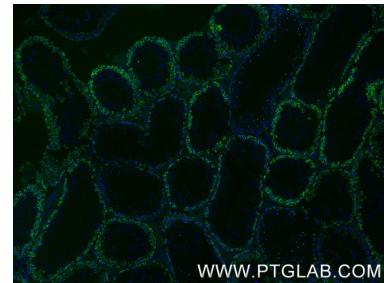
Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 86344-3-RR (DAZL antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86344-3-PBS in a different storage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



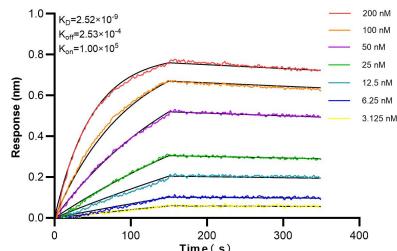
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 86344-3-RR (DAZL antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 86344-3-PBS in a different storage 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) (SA000013-2). 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.