

For Research Use Only

DAZL Recombinant monoclonal antibody

Catalog Number: 86344-3-RR



Basic Information

Catalog Number:	86344-3-RR	GenBank Accession Number:	BC027595	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	1618	CloneNo.:	251035E11
Source:	Rabbit	UNIPROT ID:	Q92904	Recommended Dilutions:	WB: 1:1000-1:4000 IP: 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC: 1:1000-1:4000 IF-P: 1:1000-1:4000
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, ELISA	Positive Controls:	WB: human testis tissue, mouse testis tissue, rat testis tissue
Species Specificity:	human, mouse, rat	IP:	mouse testis tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0			IHC: mouse testis tissue, rat testis tissue IF-P: mouse testis tissue,

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

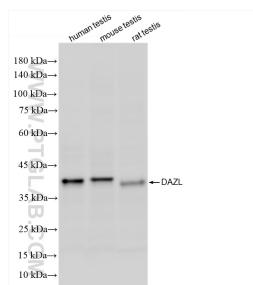
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

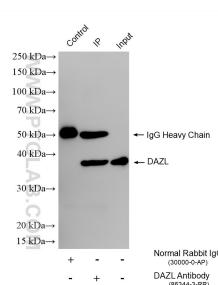
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
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W: ptglab.com

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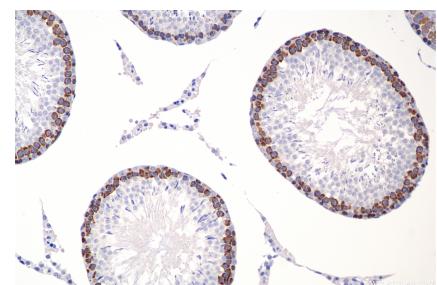
Selected Validation Data



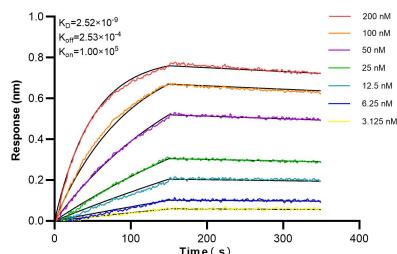
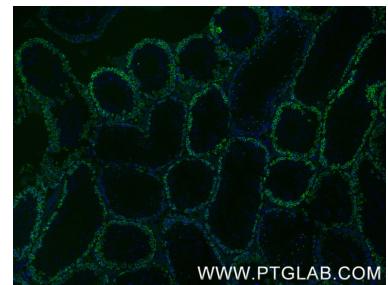
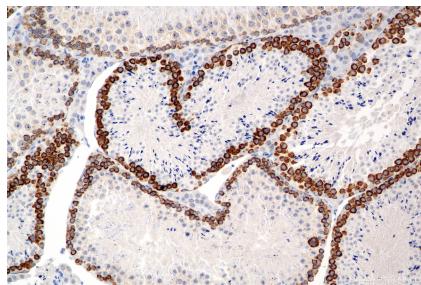
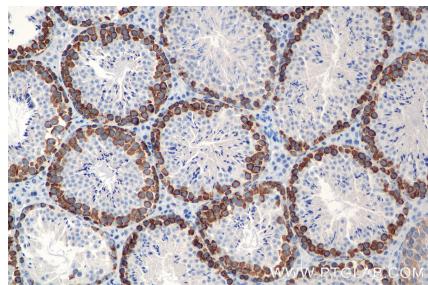
Various lysates were subjected to SDS PAGE followed by western blot with 86344-3-RR (DAZL antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-DAZL (IP:86344-3-RR, 4ug; Detection:86344-3-RR 1:600) with mouse testis tissue lysate 1680 ug.



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).



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