

Datasheet: MCA2336

Description:	MOUSE ANTI DAZL
Specificity:	DAZL
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	3/11A
Isotype:	IgG1
Quantity:	2 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			
Immunofluorescence	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Rat, Cynomolgus monkey N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Tissue Culture Supernatant - liquid
Preparation	Tissue Culture Supernatant.
Preservative Stabilisers	0.09% Sodium Azide
Immunogen	Synthetic peptide corresponding to sequence within the C terminal domain of human DAZL (CRVHHFRRSRAMLKSV).
External Database Links	UniProt: Q92904 Related reagents

Entrez Gene:

[1618](#) DAZL [Related reagents](#)

Synonyms DAZH, DAZL1, DAZLA, SPGYLA

Fusion Partners Spleen cells from immunised T/O outbred mice were fused with cells of the SP2/0 myeloma cell line.

Specificity **Mouse anti Human DAZL antibody, clone 3/11A** recognizes human Deleted in azoospermia-like, also known as DAZL, DAZ homolog, DAZ-like autosomal, Deleted in azoospermia-like 1 or SPGY-like-autosomal. DAZL is a 295 amino acid ~33 kDa member of the DAZ (deleted in azoospermia) family of RNA binding proteins. DAZL is expressed in fetal and adult testes and ovaries, and is believed to play a role in germ cell development. In adult germ cells, the expression of DAZL is predominantly localized to the cytoplasm.

Mutations in this gene have been linked to severe spermatogenic failure and infertility in males ([Lin et al. 2001](#))

Histology Positive Control Tissue Ovary or testis.

References

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14. Conrad, S. et al. (2014) Differential gene expression profiling of enriched human spermatogonia after short- and long-term culture. [Biomed Res Int. 2014: 138350.](#)

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17. Endo, T. *et al.* (2015) Periodic retinoic acid-STRA8 signaling intersects with periodic germ-cell competencies to regulate spermatogenesis. [Proc Natl Acad Sci U S A. 112 \(18\): E2347-56.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10055 available at: 10055: <https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Goat Anti Mouse IgG (STAR76...) [RPE](#)
- Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
- Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#), [DyLight@649](#), [DyLight@680](#), [DyLight@800](#), [FITC](#), [HRP](#)
- Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
- Goat Anti Mouse IgG (STAR77...) [HRP](#)
- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
- Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
- Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)
- Goat Anti Mouse IgG (STAR70...) [FITC](#)
- Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
- Human Anti Mouse IgG1 (HCA036...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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