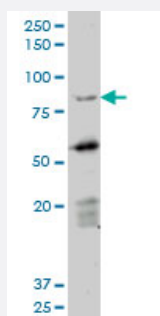


# DAZ1 monoclonal antibody (M06), clone 3E3

Catalog # H00001617-M06

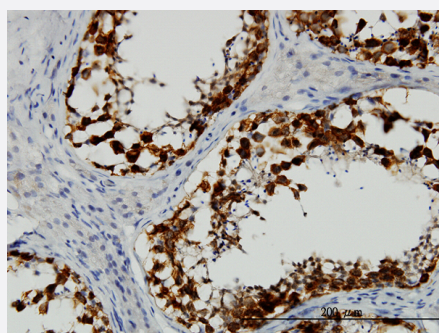
Size 100 ug

## Applications



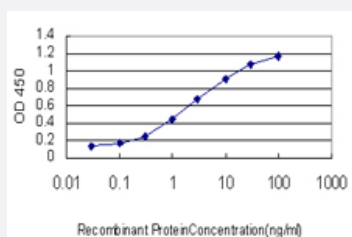
### Western Blot (Cell lysate)

DAZ1 monoclonal antibody (M06), clone 3E3. Western Blot analysis of DAZ1 expression in Daoy.



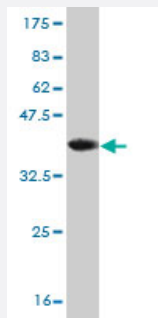
### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DAZ1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1 ug/ml]



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DAZ1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant DAZ1.
<b>Immunogen</b>	DAZ1 (AAH18119, 21 a.a. ~ 120 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	SSSAAASQGWVLPEGKVPNTVFVGGIDARMDETEIGSCFGRYGSVKEVKIITNRTGVSKGYGFVS FVNDVDVQKIVGSQIHFGKKLKLGP AIRKQKLC
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

DAZ1 monoclonal antibody (M06), clone 3E3. Western Blot analysis of DAZ1 expression in Daoy.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DAZ1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DAZ1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — DAZ1

Entrez GeneID [1617](#)

GeneBank Accession# [NG\\_004755](#)

Protein Accession# [AAH18119](#)

Gene Name DAZ1

Gene Alias DAZ, SPGY

Gene Description deleted in azoospermia 1

Omim ID [400003](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

This gene is a member of the DAZ gene family and is a candidate for the human Y-chromosomal azoospermia factor (AZF). Its expression is restricted to premeiotic germ cells, particularly in spermatogonia. It encodes an RNA-binding protein that is important for spermatogenesis. Four copies of this gene are found on chromosome Y within palindromic duplications; one pair of genes is part of the P2 palindrome and the second pair is part of the P1 palindrome. Each gene contains a 2.4 kb repeat including a 72-bp exon, called the DAZ repeat; the number of DAZ repeats is variable and there are several variations in the sequence of the DAZ repeat. Each copy of the gene also contains a 10.8 kb region that may be amplified; this region includes five exons that encode an RNA recognition motif (RRM) domain. This gene contains three copies of the 10.8 kb repeat. However, no transcripts containing three copies of the RRM domain have been described; thus the RefSeq for this gene contains only two RRM domains. [provided by RefSeq]

**Other Designations** deleted in azoospermia

## Disease

- [Azoospermia](#)
- [Chromosome Deletion](#)
- [Infertility](#)
- [Oligospermia](#)
- [Sex Chromosome Aberrations](#)
- [Sex Chromosome Disorders of Sex Development](#)