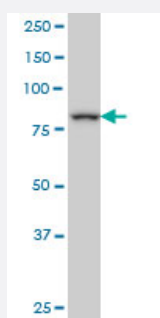


DAZ1 monoclonal antibody (M04), clone 4F3

Catalog # H00001617-M04

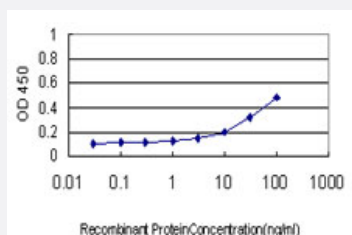
Size 100 ug

Applications



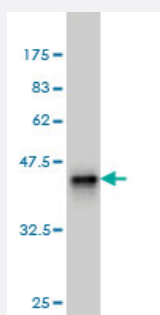
Western Blot (Tissue lysate)

DAZ1 monoclonal antibody (M04), clone 4F3. Western Blot analysis of DAZ1 expression in human placenta.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DAZ1 is approximately 1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant DAZ1.

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

Applications

- Western Blot (Tissue lysate)

DAZ1 monoclonal antibody (M04), clone 4F3. Western Blot analysis of DAZ1 expression in human placenta.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DAZ1 is approximately 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	<p>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]</p>
Other Designations	deleted in azoospermia

Disease

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