

DAZ1 / DAZ Antibody (clone 3G10)
Mouse Monoclonal Antibody
Catalog # ALS13299**Specification**

DAZ1 / DAZ Antibody (clone 3G10) - Product Information

Application	WB, IF
Primary Accession	O9NQZ3
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	83kDa KDa

DAZ1 / DAZ Antibody (clone 3G10) - Additional Information**Gene ID** 1617**Other Names**

Deleted in azoospermia protein 1, DAZ1, DAZ, SPGY

Reconstitution & Storage

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions

DAZ1 / DAZ Antibody (clone 3G10) is for research use only and not for use in diagnostic or therapeutic procedures.

DAZ1 / DAZ Antibody (clone 3G10) - Protein Information**Name** DAZ1**Synonyms** DAZ, SPGY**Function**

RNA-binding protein that plays an essential role in spermatogenesis. May act by binding to the 3'-UTR of mRNAs and regulating their translation. Promotes germ-cell progression to meiosis and formation of haploid germ cells.

Cellular Location

Cytoplasm. Nucleus. Note=Predominantly cytoplasmic. Nuclear at some stages of spermatozoide development. Localizes both to the nuclei and cytoplasm of spermatozoide differentiation. Nuclear in fetal gonocytes and in spermatogonial nuclei. It then relocates to the cytoplasm during male meiosis

Tissue Location

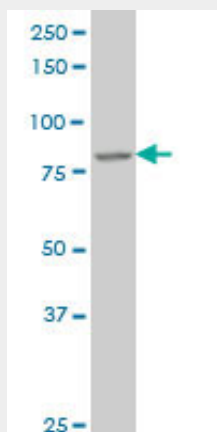
Testis-specific. Expression restricted to premeiotic germ cells, particularly in spermatogonia (at protein level).

DAZ1 / DAZ Antibody (clone 3G10) - Protocols

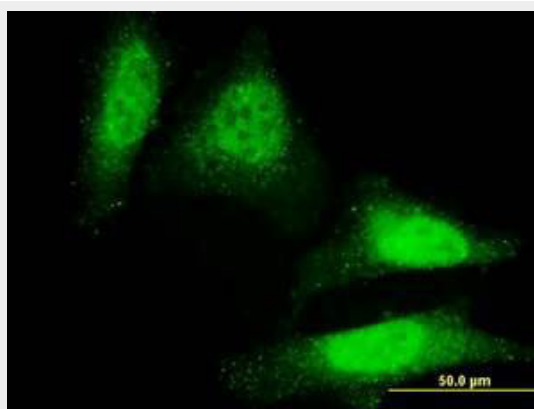
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DAZ1 / DAZ Antibody (clone 3G10) - Images



DAZ1 monoclonal antibody, clone 3G10. Western blot of DAZ1 expression in human pancreas.



Immunofluorescence of monoclonal antibody to DAZ1 on HeLa cell. [antibody concentration 10 ug/ml].

DAZ1 / DAZ Antibody (clone 3G10) - Background

RNA-binding protein that plays an essential role in spermatogenesis. May act by binding to the 3'-UTR of mRNAs and regulating their translation. Promotes germ-cell progression to meiosis and formation of haploid germ cells.

DAZ1 / DAZ Antibody (clone 3G10) - References

Skaletsky H.,et al.Nature 423:825-837(2003).
Saxena R.,et al.Genomics 67:256-267(2000).
Tsui S.,et al.Genomics 65:266-273(2000).
Reijo R.A.,et al.Biol. Reprod. 63:1490-1496(2000).
Ruggiu M.,et al.Gene 252:119-126(2000).