

SPAG5 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant SPAG5.****Catalog # AT4012a****Specification**

SPAG5 Antibody (monoclonal) (M01) - Product Information

Application	WB
Primary Accession	Q96R06
Other Accession	BC000322
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	134422

SPAG5 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 10615**Other Names**

Sperm-associated antigen 5, Astrin, Deepest, Mitotic spindle-associated protein p126, MAP126, SPAG5

Target/Specificity

SPAG5 (AAH00322, 1082 a.a. ~ 1191 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

SPAG5 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

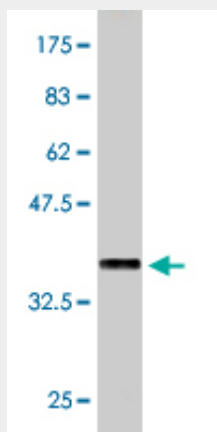
SPAG5 Antibody (monoclonal) (M01) - Protocols

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](#)

SPAG5 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 kDa) .

SPAG5 Antibody (monoclonal) (M01) - Background

This gene encodes a protein associated with the mitotic spindle apparatus. The encoded protein may be involved in the functional and dynamic regulation of mitotic spindles.

SPAG5 Antibody (monoclonal) (M01) - References

Centrosome-related genes, genetic variation, and risk of breast cancer. Olson JE, et al. Breast Cancer Res Treat, 2010 May 28. PMID 20508983. SNM1B/Apollo interacts with astrin and is required for the prophase cell cycle checkpoint. Liu L, et al. Cell Cycle, 2009 Feb 15. PMID 19197158. Astrin regulates Aurora-A localization. Du J, et al. Biochem Biophys Res Commun, 2008 May 30. PMID 18361916. Glycogen synthase kinase 3beta interacts with and phosphorylates the spindle-associated protein astrin. Cheng TS, et al. J Biol Chem, 2008 Jan 25. PMID 18055457. Astrin is required for the maintenance of sister chromatid cohesion and centrosome integrity. Thein KH, et al. J Cell Biol, 2007 Jul 30. PMID 17664331.