



[Go to Product page](#)

Datasheet for ABIN7170484  
**anti-SPAG8 antibody (AA 236-409)**

1 Image

### Overview

Quantity:	100 µg
Target:	SPAG8
Binding Specificity:	AA 236-409
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPAG8 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant Human Sperm-associated antigen 8 protein (236-409AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	SPAG8
Alternative Name:	SPAG8 ( <a href="#">SPAG8 Products</a> )
Background:	Background: Plays a role in spermatogenesis by enhancing the binding of CREM isoform tau to its coactivator FHL5 and increasing the FHL5-regulated transcriptional activation of CREM

## Target Details

---

isoform tau (By similarity). Involved in the acrosome reaction and in binding of sperm to the zona pellucida (By similarity). Plays a role in regulation of the cell cycle by controlling progression through the G2/M phase, possibly by delaying the activation of CDK1 which is required for entry into mitosis (PubMed:19548270). May play a role in fertility and microtubule formation through interaction with RANBP9 (PubMed:10500252).

Aliases: BS 84 antibody, CILD28 antibody, HSD 1 antibody, HSD-1 antibody, HSD1 antibody, hSMP1 antibody, MGC26201 antibody, MH SPAG8 antibody, OTTHUMP00000021352 antibody, OTTMUSP00000032209 antibody, SMP-1 antibody, SMP1 antibody, SPAG3 antibody, SPAG8 antibody, SPAG8\_HUMAN antibody, Sperm associated antigen 8 antibody, Sperm associated antigen 8 like protein antibody, Sperm membrane protein 1 antibody, Sperm membrane protein BS-84 antibody, Sperm-associated antigen 8 antibody, Testicular tissue protein Li 177 antibody

---

UniProt: [Q99932](#)

## Application Details

---

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

---

Format: Liquid

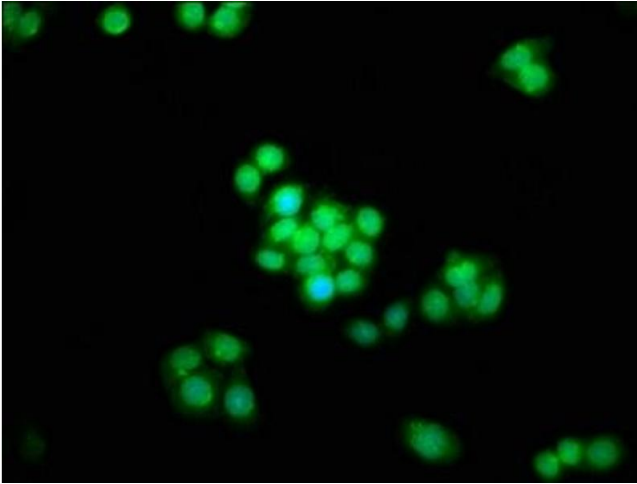
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Immunofluorescence

**Image 1.** Immunofluorescence staining of PC-3 cells with ABIN7170484 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).