

For Research Use Only

# CoraLite®594-conjugated SPAG5 Polyclonal antibody



Catalog Number: CL594-14726

Featured Product

## Basic Information

<b>Catalog Number:</b> CL594-14726	<b>GenBank Accession Number:</b> BC000322	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10615	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> sperm associated antigen 5	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 134 kDa	
<b>Immunogen Catalog Number:</b> AG6485	<b>Observed MW:</b> 135 kDa, 150 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra), IF	<b>Positive Controls:</b> IF : HeLa cells,
<b>Species Specificity:</b> human, mouse	

## Background Information

SPAG5, also named as MAP126, Astrin and Deepest, is necessary for normal spindle formation during mitosis. It is highly expressed in testis. SPAG5 has different localization in somatic versus male germ cells suggesting the possibility of different function. This antibody is specific to SPAG5.

## Storage

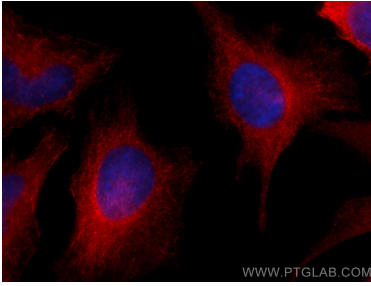
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

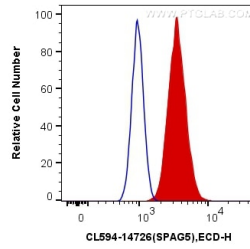
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®594 SPAG5 antibody (CL594-14726) at dilution of 1:200.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human SPAG5 (CL594-14726) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).