

For Research Use Only

# SMC5 Polyclonal antibody

Catalog Number: 14178-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

14178-1-AP

### Size:

150ul , Concentration: 180 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5385

### GenBank Accession Number:

BC038225

### GeneID (NCBI):

23137

### UNIPROT ID:

Q8IY18

### Full Name:

structural maintenance of chromosomes 5

### Calculated MW:

1101 aa, 129 kDa

### Observed MW:

120-130 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Cited Applications:

WB, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB : HeLa cells,

IF/ICC : HeLa cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Wei Xu	30185588	J Virol	IF
Stephanie Pei Tung Yiu	35263599	Cell Rep	WB
Joseph M. Dybas	34463575	mSystems	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol 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)

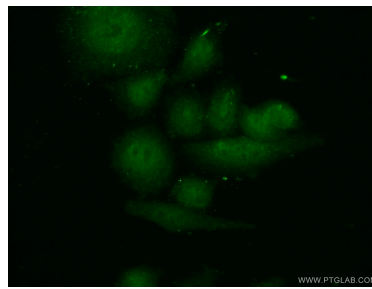
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 14178-1-AP (SMC5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14178-1-AP (SMC5 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).