

For Research Use Only

SMC3 Polyclonal antibody

Catalog Number: 14185-1-AP **2 Publications**



Basic Information

Catalog Number: 14185-1-AP	GenBank Accession Number: BC047324	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 200 µg/ml by Nanodrop and 133 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9126	Recommended Dilutions: WB 1:500-1:2400 IF 1:50-1:500
Source: Rabbit	Full Name: structural maintenance of chromosomes 3	
Isotype: IgG	Calculated MW: 142 kDa	
Immunogen Catalog Number: AG5440	Observed MW: 140 kDa	

Applications

Tested Applications: FC, IF, WB, ELISA	Positive Controls:
Cited Applications: CoIP, WB	WB : HeLa cells, Jurkat cells, mouse brain tissue
Species Specificity: human, mouse, rat	IF : HeLa cells,
Cited Species: human	

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Marianna Naki	35563580	Int J Mol Sci	CoIP
Olga Gourdomichali	35205152	Biology (Basel)	WB

Storage

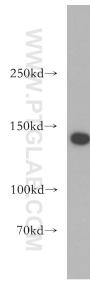
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

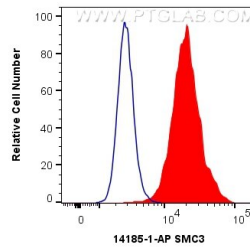
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

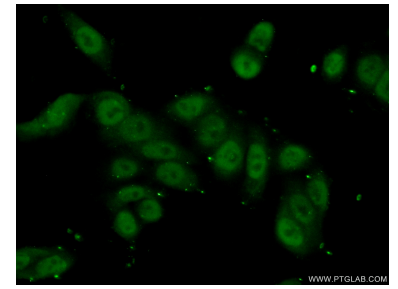
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 14185-1-AP (SMC3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



1×10^6 HeLa cells were intracellularly stained with 0.4 μ g Anti-Human SMC3 (14185-1-AP) and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 14185-1-AP (SMC3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).