

For Research Use Only

NCAPG Monoclonal antibody

Catalog Number: 68082-1-Ig



Basic Information

Catalog Number: 68082-1-Ig	GenBank Accession Number: BC068467	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 64151	CloneNo.: 2D4D3
Source: Mouse	Full Name: non-SMC condensin I complex, subunit G	Recommended Dilutions: WB 1:5000-1:50000 IF 1:200-1:800
Isotype: IgG2b	Calculated MW: 1015 aa, 114 kDa	
Immunogen Catalog Number: AG19926	Observed MW: 114 kDa	

Applications

Tested Applications:
FC, IF, WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : A431 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells

IF : U2OS cells,

Background Information

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.

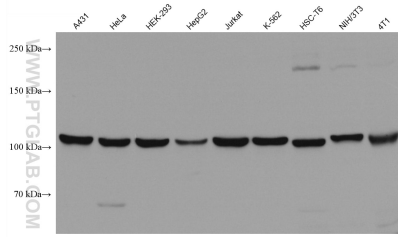
Aliquoting is unnecessary for -20°C storage

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

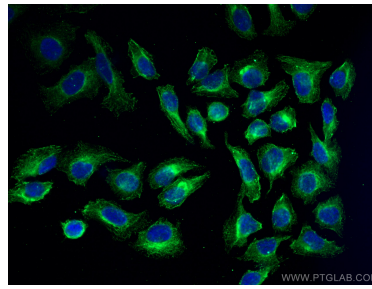
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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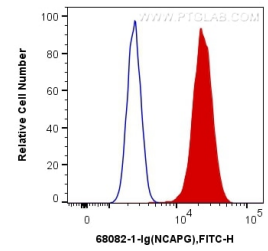
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68082-1-Ig (NCAPG antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with Lamin B1 Monoclonal antibody (66095-1-Ig) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using NCAPG antibody (68082-1-Ig, Clone: 2D4D3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ U2OS cells were intracellularly stained with 0.4 ug Anti-Human NCAPG (68082-1-Ig, Clone:2D4D3) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).