

For Research Use Only

NCAPG Monoclonal antibody

Catalog Number: 68082-1-Ig



Basic Information

Catalog Number:

68082-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG19926

GenBank Accession Number:

BC068467

GeneID (NCBI):

64151

UNIPROT ID:

Q9BPX3

Full Name:

non-SMC condensin I complex,
subunit G

Calculated MW:

1015 aa, 114 kDa

Observed MW:

114 kDa

Purification Method:

Protein A purification

CloneNo.:

2D4D3

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA, FC (Intra)

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/ICC : 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

For technical support and original validation data for this product please contact:

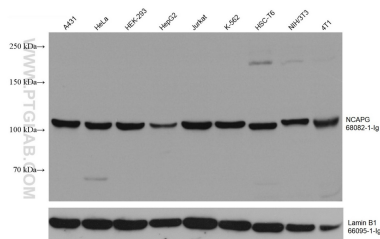
T: 4006900926

E: Proteintech-CN@ptglab.com

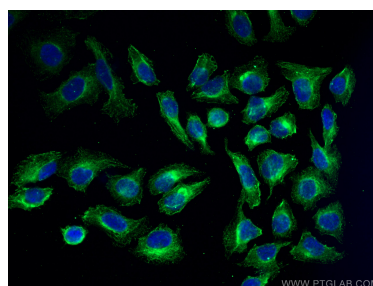
W: ptgcn.com

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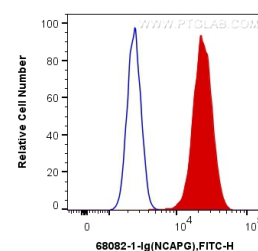
Selected Validation Data



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).