

For Research Use Only

# CDCA8 Monoclonal antibody, PBS Only

Catalog Number: 68510-1-PBS



## Basic Information

Catalog Number:

68510-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG3136

GenBank Accession Number:

BC016944

GeneID (NCBI):

55143

UNIPROT ID:

Q53HL2

Full Name:

cell division cycle associated 8

Calculated MW:

280 aa, 31 kDa

Observed MW:

31-38 kDa

Purification Method:

Protein A purification

CloneNo.:

2A10C9

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

## Background Information

CDCA8, also named as Borealin, Dasra-B and PESCRG3, is a component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The predicted molecular weight of CDCA8 is about 31 kDa. This protein can be migrated to 35-40 kDa with phosphor modification or ~50 kDa with SUMO modification.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

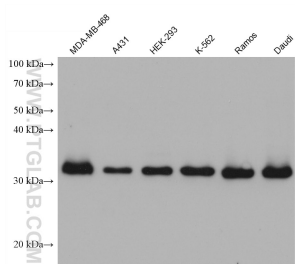
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

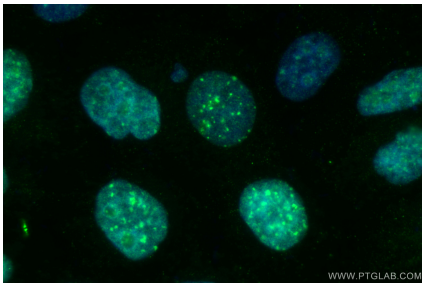
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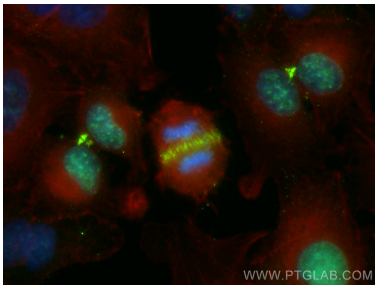
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68510-1-Ig (CDCA8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68510-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CDCA8 antibody (68510-1-Ig, Clone: 2A10C9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 68510-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A549 cells using CDCA8 antibody (68510-1-Ig, Clone: 2A10C9) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red). This data was developed using the same antibody clone with 68510-1-PBS in a different storage buffer formulation.