

For Research Use Only

CDCA8 Monoclonal antibody

Catalog Number: 68510-1-Ig



Basic Information

Catalog Number: 68510-1-Ig	GenBank Accession Number: BC016944	Purification Method: Protein A purification
Size: 1000 ug/ml	GeneID (NCBI): 55143	CloneNo.: 2A10C9
Source: Mouse	UNIPROT ID: Q53HL2	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: cell division cycle associated 8	
Immunogen Catalog Number: AG3136	Calculated MW: 280 aa, 31 kDa	
	Observed MW: 31-38 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : MDA-MB-468 cells, A431 cells, HEK-293 cell, K-562 cells, Ramos cells, Daudi cells
Species Specificity: human	IF/ICC : A549 cells, A431 cells

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 -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:

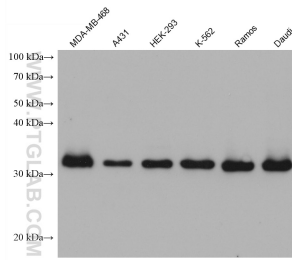
T: 4006900926

E: Proteintech-CN@ptglab.com

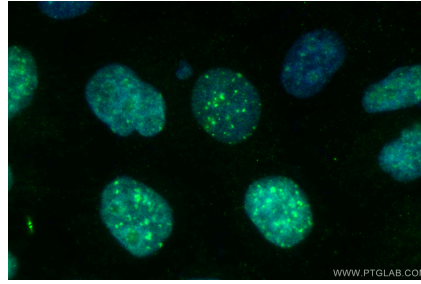
W: ptgcn.com

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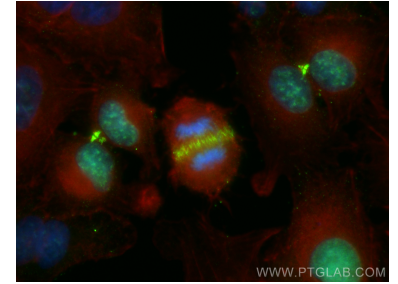
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68510-1-Ig (CDCA8 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).



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 Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-Phalloidin (red).