

For Research Use Only

CEP55 Monoclonal antibody

Catalog Number: 67460-1-Ig

Featured Product



Basic Information

Catalog Number:

67460-1-Ig

Size:

2000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29995

GenBank Accession Number:

BC008947

GeneID (NCBI):

55165

UNIPROT ID:

Q53EZ4

Full Name:

centrosomal protein 55kDa

Calculated MW:

54 kDa

Observed MW:

47-55 kDa

Purification Method:

Protein G purification

CloneNo.:

2D11F7

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:1000-1:4000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : A549 cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells, mouse testis tissue

IHC : mouse adrenal gland tissue,

IF/ICC : HeLa cells, HepG2 cells

Background Information

CEP55, also named as C10orf3 and URCC6, is a 55 kDa protein which located in the centrosome in interphase cells and recruited to the midbody during cytokinesis, is essential for completion of cell abscission. It plays a role in mitotic exit and cytokinesis. CEP55 has two isoforms with the MW of 47 and 55 kDa.

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:

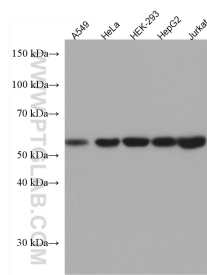
T: 4006900926

E: Proteintech-CN@ptglab.com

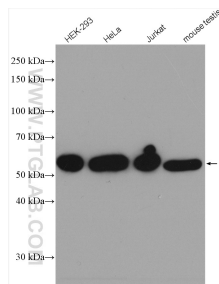
W: ptgcn.com

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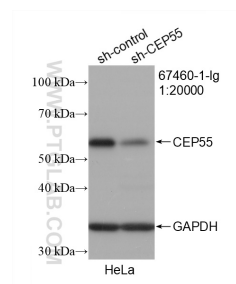
Selected Validation Data



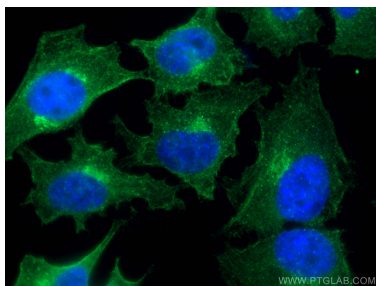
Various lysates were subjected to SDS PAGE followed by western blot with 67460-1-Ig (CEP55 antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



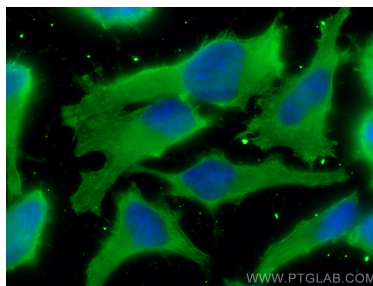
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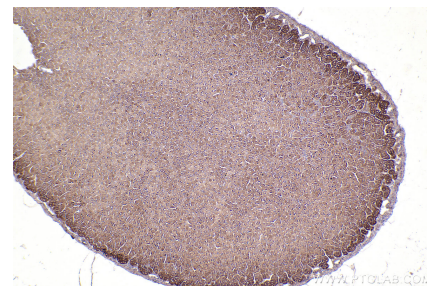
WB result of CEP55 antibody (67460-1-Ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CEP55 transfected HeLa cells.



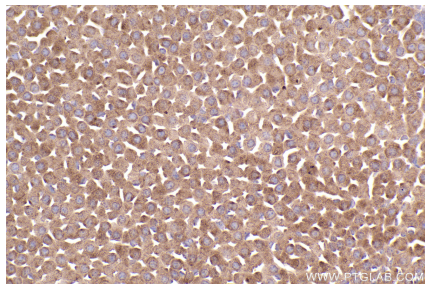
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 67460-1-Ig (CEP55 antibody), at dilution of 1:200 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CEP55 antibody (67460-1-Ig, Clone: 2D11F7) at dilution of 1:800 and Coralite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using 67460-1-Ig (CEP55 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse adrenal gland tissue slide using 67460-1-Ig (CEP55 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).