

For Research Use Only

# CEP250,C-NAP1 Monoclonal antibody, PBS Only



Catalog Number:66814-1-PBS

## Basic Information

<b>Catalog Number:</b> 66814-1-PBS	<b>GenBank Accession Number:</b> BC001433	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 11190	<b>CloneNo.:</b> 2G12D12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q9BV73	
<b>Isotype:</b> IgG1	<b>Full Name:</b> centrosomal protein 250kDa	
<b>Immunogen Catalog Number:</b> AG5925	<b>Calculated MW:</b> 281 kDa	
	<b>Observed MW:</b> 280 kDa	

## Applications

**Tested Applications:**  
WB, IF, ELISA

**Species Specificity:**  
Human

## Background Information

CEP250, also known as C-Nap1, is a coiled-coil protein that localizes to the proximal ends of mother and daughter centrioles. It is required for centriole-centriole cohesion during interphase of the cell cycle. It dissociates from the centrosomes when parental centrioles separate at the beginning of mitosis. The protein associates with and is phosphorylated by NIMA-related kinase 2, which is also associated with the centrosome.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS only

Aliquoting is unnecessary for -20°C storage

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

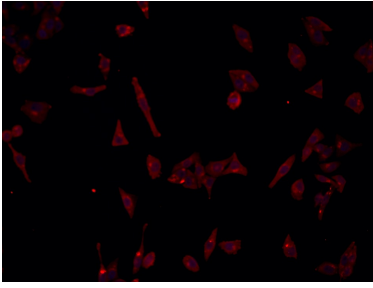
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

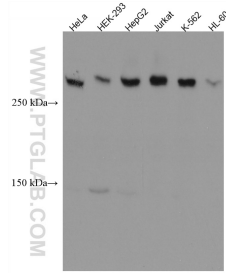
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CEP250,C-NAP1 antibody (66814-1-Ig, Clone: 2G12D12 ) at dilution of 1:773 and Multi- $\alpha$ Ab CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004). This data was developed using the same antibody clone with 66814-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 66814-1-Ig (CEP250,C-NAP1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66814-1-PBS in a different storage buffer formulation.