

# CEP63 Monoclonal antibody

Catalog Number: 66996-1-Ig

## Basic Information

**Catalog Number:**

66996-1-Ig

**Size:**

2400 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG9227

**GenBank Accession Number:**

BC014050

**GeneID (NCBI):**

80254

**UNIPROT ID:**

Q96MT8

**Full Name:**

centrosomal protein 63kDa

**Calculated MW:**

703 aa, 81 kDa

**Observed MW:**

85 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

2G12B2

**Recommended Dilutions:**

WB 1:1000-1:6000

IF 1:1000-1:4000

## Applications

**Tested Applications:**

IF/ICC, WB, ELISA

**Species Specificity:**

Human, Mouse, Rat

**Positive Controls:**

**WB :** HeLa cells, MCF-7 cells, T-47D cells, PC-3 cells, HepG2 cells, HSC-T6 cells

**IF :** hTERT-RPE1 cells,

## Background Information

CEP63 is required for normal spindle assembly. It maintains centrosome numbers through centrosomal recruitment of CEP152. CEP63 recruits CDK1 to centrosomes. It plays a role in DNA damage response.

## Storage

**Storage:**

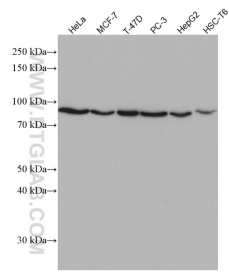
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

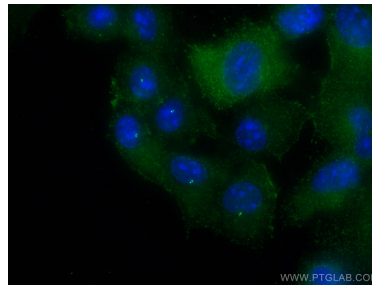
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66996-1-Ig (CEP63 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using CEP63 antibody (66996-1-Ig, Clone: 2G12B2 ) at dilution of 1:2000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).