

For Research Use Only

# CoraLite® Plus 488-conjugated CEP63 Monoclonal antibody



Catalog Number: **CL488-66996**

## Basic Information

Catalog Number:

CL488-66996

Size:

1000 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:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Rat

Positive Controls:

IF/ICC : 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

T: 4006900926

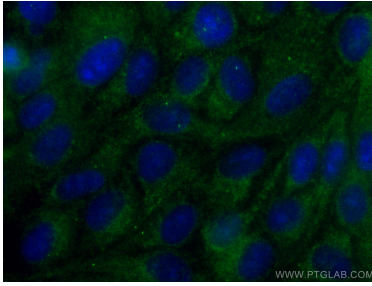
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using CoraLite® Plus 488 CEP63 antibody (CL488-66996, Clone: 2G12B2 ) at dilution of 1:200.