

For Research Use Only

CoraLite®594-conjugated RCC1 Monoclonal antibody



Catalog Number:CL594-67335

Basic Information

Catalog Number:

CL594-67335

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG17809

GenBank Accession Number:

BC010067

GeneID (NCBI):

1104

UNIPROT ID:

P18754

Full Name:

regulator of chromosome
condensation 1

Calculated MW:

421 aa, 45 kDa

Observed MW:

50 kDa

Purification Method:

Protein G purification

CloneNo.:

2C2F5

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

CHC1, also named as RCC1, promotes the exchange of ran-bound gdp by gtp. It is involved in the regulation of onset of chromosome condensation in the S-phase. Phosphorylation of RCC1 on serines located in or near its nuclear localization signal activates RCC1 to generate RanGTP on mitotic chromosomes, which is required for spindle assembly and chromosome segregation.

Storage

Storage:

Store at -20°C. Avoid exposure to light.

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:

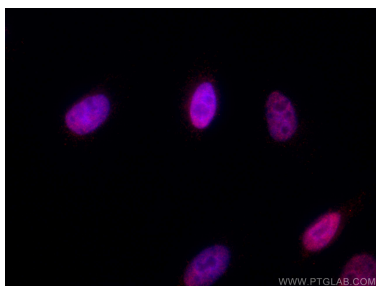
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite@594 RCC1 antibody (CL594-67335, Clone: 2C2F5) at dilution of 1:200. DAPI (blue).