

For Research Use Only

CoraLite®594-conjugated RCC1 Monoclonal antibody

Catalog Number:CL594-67335



Basic Information

Catalog Number: CL594-67335	GenBank Accession Number: BC010067	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 1104	CloneNo.: 2C2F5
Source: Mouse	UNIPROT ID: P18754	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: regulator of chromosome condensation 1	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG17809	Calculated MW: 421 aa, 45 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: Human	

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.

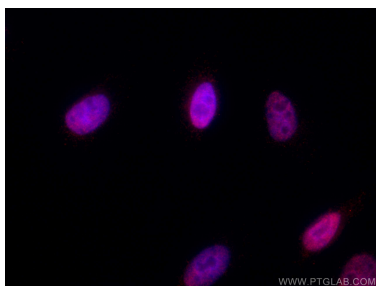
Storage

Storage:
Store at -20°C. Avoid exposure to light. 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: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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).