For Research Use Only

CoraLite® Plus 488-conjugated RAD21 Polyclonal antibody

Catalog Number:CL488-27071

Featured Product

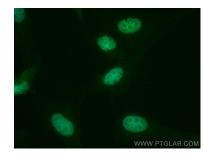


Basic Information	Catalog Number: CL488-27071	GenBank Accession Number: BC050381	Purification Method: Antigen affinity purification	
	Size: 1000 µg/ml	GenelD (NCBI): 5885	Recommended Dilutions: IF/ICC 1:50-1:500	
	Source: Rabbit	UNIPROT ID: 060216 Full Name: RAD21 homolog (S. pombe)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm	
	lsotype: IgG			
	Immunogen Catalog Number: AG25481	Calculated MW: 631 aa, 72 kDa		
		Observed MW: 120 kDa		
Applications	Tested Applications: IF/ICC		Positive Controls: IF/ICC : MDCK cells,	
	Species Specificity: human, canine	IF/ICC. MUCK Cells,		
Background Information	calculated molecular weight of R encoded by this gene is highly sir the repair of DNA double-strand b phospho-protein, which becomes	RAD21, also named as Nuclear matrix protein 1, is a 631 amino acid protein, which belongs to the rad21 family. The calculated molecular weight of RAD21 is 72 kDa, but the phosphorylated RAD21 is about 120 kDa. The protein encoded by this gene is highly similar to the gene product of Schizosaccharomyces pombe rad21, a gene involved in the repair of DNA double-strand breaks, as well as in chromatid cohesion during mitosis. This protein is a nuclear phospho-protein, which becomes hyperphosphorylated in cell cycle M phase. The highly regulated association of this protein with mitotic chromatin specifically at the centromere region suggests its role in sister chromatid cohesion in mitotic cells		
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. Aliguoting is unnecessary for -20°C storage		

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: 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 MDCK cells using CoraLite® Plus 488 RAD21 antibody (CL488-27071) at dilution of 1:200.