

For Research Use Only

CoraLite® Plus 488-conjugated TOP2B Recombinant antibody

Catalog Number: CL488-84049



Basic Information

Catalog Number: CL488-84049	GenBank Accession Number: NM_001068	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7155	CloneNo.: 240949F10
Source: Rabbit	UNIPROT ID: Q02880	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: topoisomerase (DNA) II beta 180kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 183 kDa	
	Observed MW: 180 kDa	

Applications

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

Background Information

TOP2B belongs to the type II topoisomerase family. TOP2B control topological states of DNA by transient breakage and subsequent rejoining of DNA strands. TOP2B makes double-strand breaks. It is indirectly involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene.

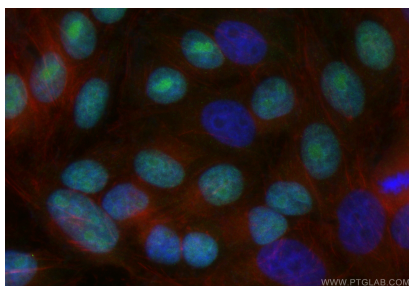
Storage

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
W: ptglab.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® Plus 488 TOP2B antibody (CL488-84049, Clone: 240949F10) at dilution of 1:200, CL594-Phalloidin (red).