

For Research Use Only

TOP2B Recombinant antibody, PBS Only

Catalog Number: 84049-1-PBS



Basic Information

Catalog Number:

84049-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001068

GeneID (NCBI):

7155

UNIPROT ID:

Q02880

Full Name:

topoisomerase (DNA) II beta 180kDa

Calculated MW:

183 kDa

Observed MW:

180-190 kDa

Purification Method:

Protein A purification

CloneNo.:

240949F10

Applications

Tested Applications:

WB, IF/ICC, ELISA

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 -80°C.

Storage Buffer:

PBS Only

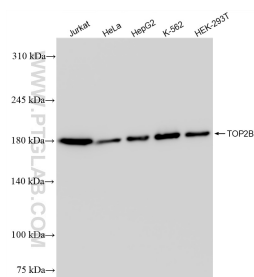
For technical support and original validation data for this product please contact:

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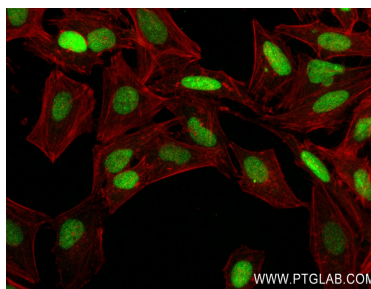
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84049-1-RR (TOP2B antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84049-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using TOP2B antibody (84049-1-RR, Clone: 240949F10) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84049-1-PBS in a different storage buffer formulation.