

For Research Use Only

TOP2B Recombinant antibody, PBS Only

Catalog Number: 84049-2-PBS

Featured Product



Basic Information

Catalog Number:

84049-2-PBS

Concentration:

1 mg/ml

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.:

240949F8

Applications

Tested Applications:

WB, IHC, 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

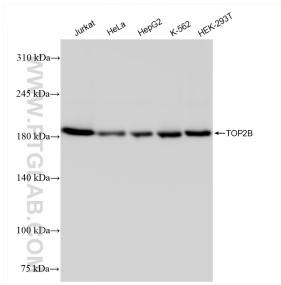
T: 4006900926

E: Proteintech-CN@ptglab.com

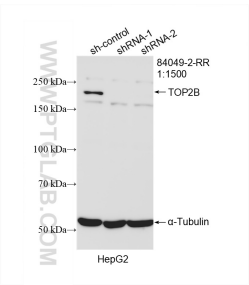
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84049-2-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 84049-2-PBS in a different storage buffer formulation.



WB result of TOP2B antibody (84049-2-RR; 1:1500; incubated at room temperature for 1.5 hours) with sh-Control and sh-TOP2B transfected HepG2 cells. This data was developed using the same antibody clone with 84049-2-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 84049-2-RR (TOP2B antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84049-2-PBS in a different storage buffer formulation.