



# Anti-TOP2B monoclonal antibody, clone FQS6488 (DCABH-228)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to Topoisomerase II beta
<b>Antigen Description</b>	Control of topological states of DNA by transient breakage and subsequent rejoining of DNA strands. Topoisomerase II makes double-strand breaks. 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.
<b>Immunogen</b>	A synthetic peptide corresponding to residues in Human Topoisomerase II Beta.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Rat, Human
<b>Clone</b>	FQS6488
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC/IF, WB, IHC-P, ICC
<b>Positive Control</b>	Jurkat, K562, Raw264.7 or PC-12 cell lysate Human breast tissue IF/ICC: HeLa cell line
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	PBS 49%, Sodium azide 0.01%, Glycerol 50%, BSA 0.05%
<b>Preservative</b>	0.1% Sodium Azide

**Storage**

Store at -20°C. Stable for 12 months at -20°C

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TOP2B topoisomerase (DNA) II beta 180kDa [ Homo sapiens ]</a>
<b>Official Symbol</b>	TOP2B
<b>Synonyms</b>	TOP2B; topoisomerase (DNA) II beta 180kDa; topoisomerase (DNA) II beta (180kD); DNA topoisomerase 2-beta; topo II beta; antigen MLAA-44; topoisomerase IIb; topoisomerase II beta; U937 associated antigen; DNA topoisomerase II beta; DNA topoisomerase II, 18
<b>Entrez Gene ID</b>	<a href="#">7155</a>
<b>Protein Refseq</b>	<a href="#">NP_001059</a>
<b>UniProt ID</b>	<a href="#">Q02880</a>
<b>Chromosome Location</b>	3p24
<b>Function</b>	ATP binding; DNA topoisomerase (ATP-hydrolyzing) activity; DNA-dependent ATPase activity; chromatin binding; enzyme binding; histone deacetylase binding; isomerase activity; nucleotide binding; protein C-terminus binding; protein heterodimerization activi