

# Topoisomerase II alpha Rabbit mAb

Catalog # AP77390

## Product Information

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<b>Application</b>	WB, IHC-P, IP
<b>Primary Accession</b>	<a href="#">P11388</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	174385

## Additional Information

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<b>Gene ID</b>	7153
<b>Other Names</b>	TOP2A
<b>Dilution</b>	WB~~1/500-1/1000 IHC-P~~N/A IP~~N/A
<b>Format</b>	10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

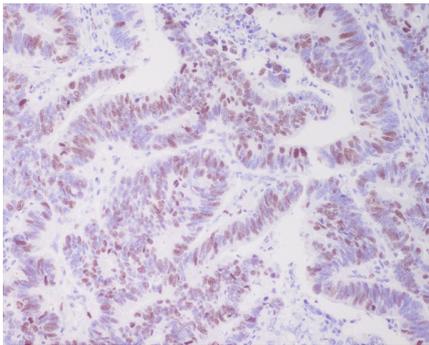
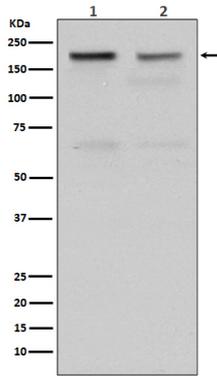
## Protein Information

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<b>Name</b>	TOP2A
<b>Synonyms</b>	TOP2
<b>Function</b>	Key decatenating enzyme that alters DNA topology by binding to two double-stranded DNA molecules, generating a double-stranded break in one of the strands, passing the intact strand through the broken strand, and religating the broken strand (PubMed: <a href="#">17567603</a> , PubMed: <a href="#">18790802</a> , PubMed: <a href="#">22013166</a> , PubMed: <a href="#">22323612</a> , PubMed: <a href="#">27754753</a> ). May play a role in regulating the period length of BMAL1 transcriptional oscillation (By similarity).
<b>Cellular Location</b>	Cytoplasm. Nucleus, nucleoplasm. Nucleus. Nucleus, nucleolus
<b>Tissue Location</b>	Expressed in the tonsil, spleen, lymph node, thymus, skin, pancreas, testis, colon, kidney, liver, brain and lung (PubMed:9155056). Also found in high-grade lymphomas, squamous cell lung tumors and seminomas (PubMed:9155056)

# Images

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