Recombinant DNA topoisomerase 2-alpha Antibody

Rabbit Monoclonal Antibody [Clone TOP2A/16912R]

Catalog No	Format	Size
7153-RBM13-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7153-RBM13-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7153-RBM13-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

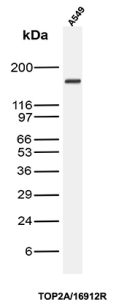
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	TOP2A/16912R
Immunogen	Recombinant fragment (around aa 1352-1493) of human TOP2A protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	174.38kDa
Cellular Localization	Cytoplasm, Nucleolus, Nucleoplasm, Nucleus
Species Reactivity	Human
Positive Control	Expressed in the tonsil, spleen, lymph node, thymus, skin, pancreas, testis, colon, kidney, liver, brain and lung (PubMed:9155056)

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant DNA topoisomerase 2-alpha Antibody



Western blot analysis of A549 cell lysates using TOP2A Recombinant Rabbit Monoclonal Antibody (TOP2A/16912R).

Specificity & Comments

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:17567603, PubMed:18790802, PubMed:22013166, PubMed:22323612). May play a role in regulating the period length of BMAL1 transcriptional oscillation (By similarity).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.