

Product Datasheet

Topoisomerase I Antibody (6D8) - BSA Free NBP3-26278-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-26278-100ul

Topoisomerase I Antibody (6D8) - BSA Free

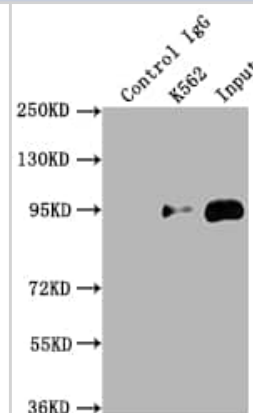
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6D8
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol

Product Description	
Description	Novus Biologicals Rabbit Topoisomerase I Antibody (6D8) - BSA Free (NBP3-26278) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7150
Gene Symbol	TOP1
Species	Human
Immunogen	A synthesized peptide derived from Human Topoisomerase I [UniProt P11387]

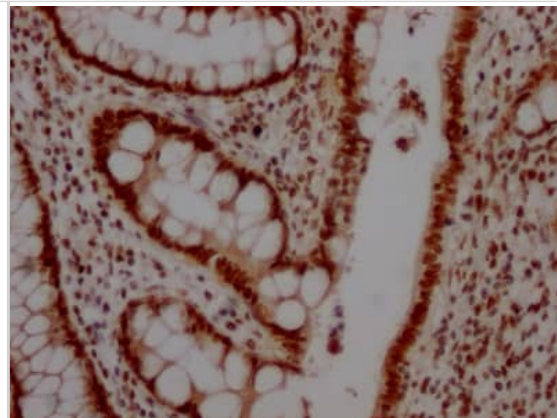
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry 1:20-1:200, ELISA, Immunohistochemistry 1:50-1:200, Immunoprecipitation 1:200-1:1000

Images

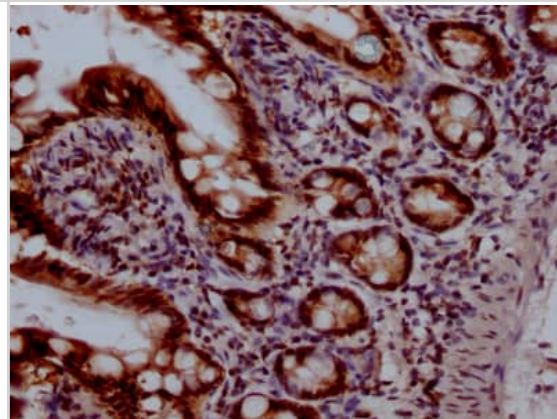
Immunoprecipitation: Topoisomerase I Antibody (6D8) [NBP3-26278] - Immunoprecipitating Topoisomerase I in K562 whole cell lysate. Lane 1: Rabbit control IgG instead of NBP3-26278 in K562 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: NBP3-26278 (2ug) + K562 whole cell lysate (500ug). Lane 3: K562 whole cell lysate (10ug).



Immunohistochemistry: Topoisomerase I Antibody (6D8) [NBP3-26278] - Image of Topoisomerase I Antibody (6D8) diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



Immunohistochemistry: Topoisomerase I Antibody (6D8) [NBP3-26278] - Image of Topoisomerase I Antibody (6D8) diluted at 1:100 and staining in paraffin-embedded human small intestine tissue performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



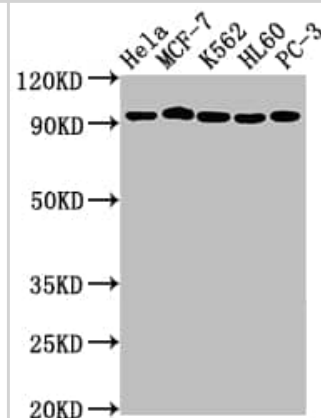
Western Blot: Topoisomerase I Antibody (6D8) [NBP3-26278] - Positive Western Blot detected in: Hela whole cell lysate, MCF-7 whole cell lysate, K562 whole cell lysate, HL60 whole cell lysate, PC-3 whole cell lysate.

All lanes: Topoisomerase I Antibody at 1: 2000

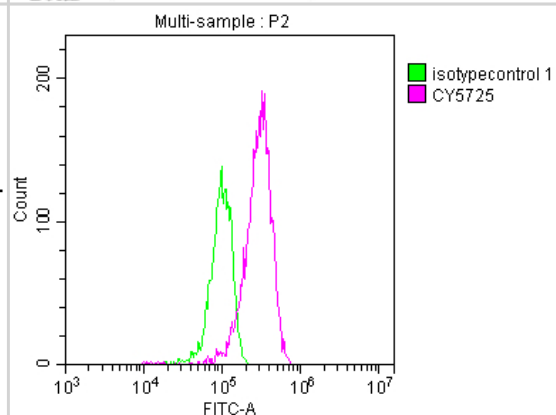
Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 91 kDa

Observed band size: 91 kDa



Flow Cytometry: Topoisomerase I Antibody (6D8) [NBP3-26278] - Overlay histogram showing HepG2 cells stained with Topoisomerase I Antibody (6D8) (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶ cells) for 1 h at 4C. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4C. Control antibody (green line) was Rabbit IgG (1ug/1*10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.





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Products Related to NBP3-26278-100ul

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00007150-Q01-10ug	Recombinant Human Topoisomerase I GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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