

# Product Datasheet

## ssDNA Antibody (TNT-3) - Azide and BSA Free NBP2-29849

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP2-29849**

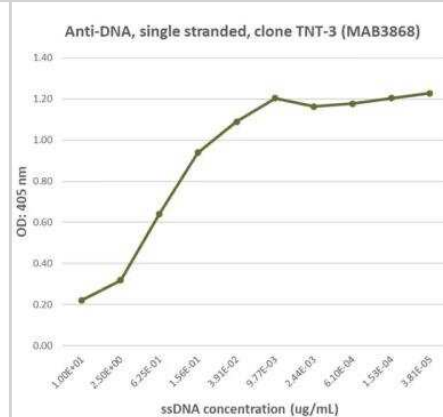
ssDNA Antibody (TNT-3) - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	TNT-3
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG3 Kappa
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
Product Description	
<b>Description</b>	Novus Biologicals Mouse ssDNA Antibody (TNT-3) - Azide and BSA Free (NBP2-29849) is a monoclonal antibody validated for use in IHC, ELISA, Flow, ICC/IF and Simple Western. Anti-ssDNA Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	All Species
<b>Specificity/Sensitivity</b>	Reacts with single stranded DNA (ssDNA). The antibody is useful for staining nucleated cells. The antibody can also be used to identify necrotic regions of tumors and damaged tissues. By immunohistochemistry, stains heterochromatic regions of cell nucleus.
<b>Immunogen</b>	Human Raji cell nuclei.
Product Application Details	
<b>Applications</b>	Simple Western, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Simple Western, Flow Cytometry 5-10 ug/mL, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
<b>Application Notes</b>	ICC/IF on paraformaldehyde fixed cells Immunohistochemistry on paraformaldehyde or B5 fixed tissue sections. Flow cytometry: using 2% paraformaldehyde fixed cells. Elisa staining pattern: Stains heterochromatic regions of cell nucleus. Optimal working dilutions must be determined by end user. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in AAV purified from HEK293, separated by Charge



## Images

ELISA: ssDNA Antibody (TNT-3) [NBP2-29849] - Various dilutions of single stranded DNA from calf thymus (starting at 10 mg/mL) were analyzed with 0.5 mg of, Anti-DNA, single stranded, clone TNT-3. Alkaline phosphatase-conjugated Goat Anti-Mouse secondary antibody was used for detection.



## Publications

Yasuhara T, Kato R, Yamauchi M et al. RAP80 suppresses the vulnerability of R-loops during DNA double-strand break repair Cell reports 2022-02-01 [PMID: 35108530]



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### **Products Related to NBP2-29849**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)

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### **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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