

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

| | |
|----------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | TNT-3 |
| Preservative | No Preservative |
| Isotype | IgG3 Kappa |
| Purity | Protein A purified |
| Buffer | PBS |

Product Description

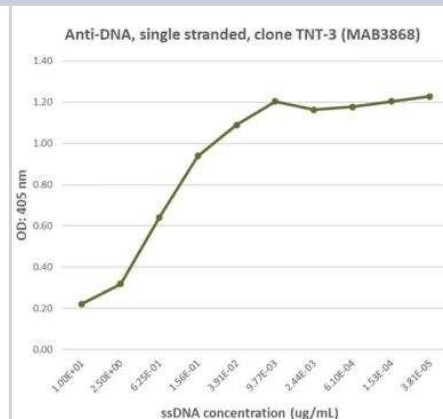
| | |
|--------------------------------|--|
| Host | Mouse |
| Species | All Species |
| Specificity/Sensitivity | Reacts with single stranded DNA (ssDNA). The antibody is useful for staining nucleated cells. The antibody can also be used to identify necrotic regions of tumors and damaged tissues. By immunohistochemistry, stains heterochromatic regions of cell nucleus. |
| Immunogen | Human Raji cell nuclei. |

Product Application Details

| | |
|------------------------------|---|
| Applications | Simple Western, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Simple Western, Flow Cytometry 5-10 ug/mL, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin |
| Application Notes | 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. |

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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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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