

# Product Datasheet

## DNA Antibody (DSD/958) - IHC-Prediluted NBP2-48142

Unit Size: 7 ml

Store at 4C.

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**NBP2-48142**

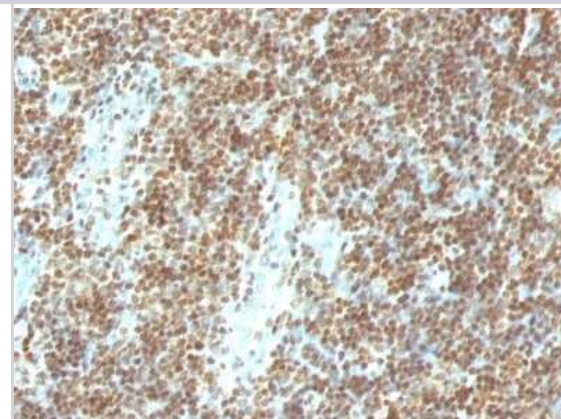
DNA Antibody (DSD/958) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	DSD/958
Preservative	0.05% Sodium Azide
Isotype	IgG3 Kappa
Purity	Protein G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Species	Human
Marker	Nuclear Marker
Specificity/Sensitivity	This monoclonal antibody is part of a new panel of reagents, which recognizes subcellular organelles or compartments of human cells. These markers may be useful in identification of these organelles in cells, tissues, and biochemical preparations. This monoclonal antibody recognizes the double stranded DNA in human cells. It can be used to stain the nuclei in cell or tissue preparations and can be used as a nuclear marker in human cells. This monoclonal antibody produces a homogeneous staining pattern in the nucleus of normal and malignant cells. Double Stranded deoxyribonucleic acid (ds DNA) is the genetic material of all cells and many viruses and is a polymer of nucleotides. The monomer consists of phosphorylated 2-deoxyribose N-glycosidically linked to one of four bases, adenine, cytosine, guanine or thymine. These are linked together by 3',5'-phosphodiester bridges. In the Watson-Crick double-helix model, two complementary strands are wound in a right-handed helix and held together by hydrogen bonds between complementary base pairs.
Immunogen	Nuclei of Burkitt's cells
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunocytochemistry Acetone-fixed cells 0.5 - 1.0 ug/ml for 30 minutes at RT. Immunohistochemistry-Paraffin 1 - 2 ug/ml for 30 minutes at RT Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10 - 20 min followed by cooling at RT for 20 minutes. The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

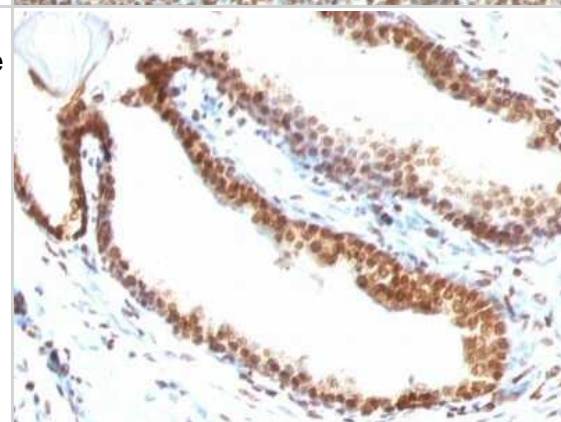


## Images

Immunohistochemistry-Paraffin: DNA Antibody (DSD/958) - IHC-  
Prediluted [NBP2-48142] - Human Tonsil stained with Double Stranded  
DNA Monoclonal Antibody (DSD/958)



Immunohistochemistry-Paraffin: DNA Antibody (DSD/958) - IHC-  
Prediluted [NBP2-48142] - Human Colon Carcinoma stained with Double  
Stranded DNA Monoclonal Antibody (DSD/958)





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### **Products Related to NBP2-48142**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96978	Mouse IgG3 Kappa Light Chain Isotype Control (MG3K)
KA1639	DNA Assay Kit (Fluorometric)

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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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