

Product Datasheet

dsDNA Antibody (rDSD/4565) - Azide and BSA Free NBP3-08466

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08466

dsDNA Antibody (rDSD/4565) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	rDSD/4565
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	10 mM PBS

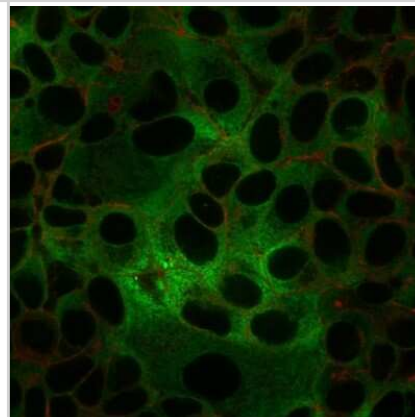
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07670). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Species	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-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	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

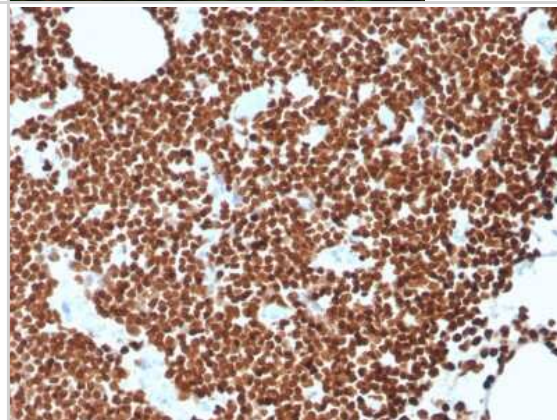


Images

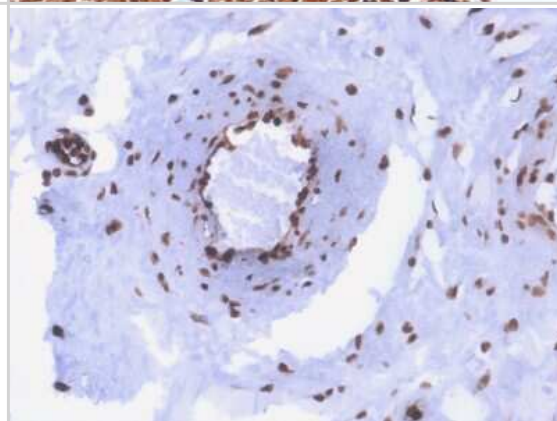
Immunocytochemistry/Immunofluorescence: dsDNA Antibody (rDSD/4565) - Azide and BSA Free [NBP3-08466] - Immunofluorescent staining of PFA-fixed MCF-7 cells with dsDNA Recombinant Mouse Monoclonal Antibody (rDSD/4565) followed by goat anti-rabbit IgG-CF488 (green); phalloidin counterstain (red).



Immunohistochemistry-Paraffin: dsDNA Antibody (rDSD/4565) - Azide and BSA Free [NBP3-08466] - Formalin-fixed, paraffin-embedded human lymph node stained with dsDNA Recombinant Mouse Monoclonal Antibody (rDSD/4565).



Immunohistochemistry-Paraffin: dsDNA Antibody (rDSD/4565) - Azide and BSA Free [NBP3-08466] - Formalin-fixed, paraffin-embedded human colon stained with dsDNA Recombinant Mouse Monoclonal Antibody (rDSD/4565).





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Products Related to NBP3-08466

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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