Mouse anti-Human Double Stranded DNA (dsDNA) Monoclonal Antibody

Double Stranded DNA (dsDNA) (Nuclear Marker) Recombinant Mouse Monoclonal Antibody [Clone rDSD/4565]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA216093	**Mouse**	**Human**	**Immunohistochemistry**

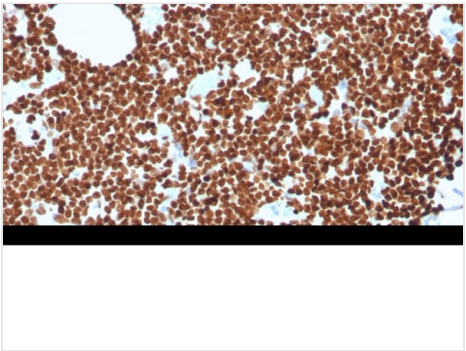
PRODUCT SYNONYMS

Double Stranded DNA (dsDNA); Monoclonal Antibody; Double Stranded DNA (dsDNA) (Nuclear Marker) Recombinant Mouse Monoclonal Antibody [Clone rDSD/4565]; Double Stranded DNA (dsDNA) (Nuclear Marker); Not Applicable; anti-Double Stranded DNA (dsDNA) antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a, kappa
Clone Number	rDSD/4565
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0. 05% BSA & 0. 05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-Double Stranded DNA (dsDNA) antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Nuclei of Burkitt's cells
Cellular Localization	Nuclear
Positive Control	Raji, Jurkat or HeLa cells. Human tonsil or colon.
Hu-chromosome Location	Not Applicable
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human lymph node stained with dsDNA Recombinant Mouse Monoclonal Antibody (rDSD/4565).

ADDITIONAL INFORMATION

Related Product Information for anti-Double Stranded DNA (dsDNA) antibody	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 MAb 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 MAb 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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/double-stranded-dna-dsdna-antibody-clone-rdsd-4565-immunohistochemistry-elisa/216093