Recombinant dsDNA (Double Stranded DNA) Antibody

Mouse Monoclonal Antibody [Clone rDSD/8266]

Catalog No	Format	Size
MSM8-8266-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
MSM8-8266-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
MSM8-8266-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

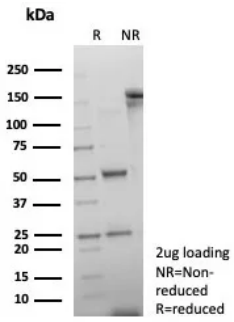
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

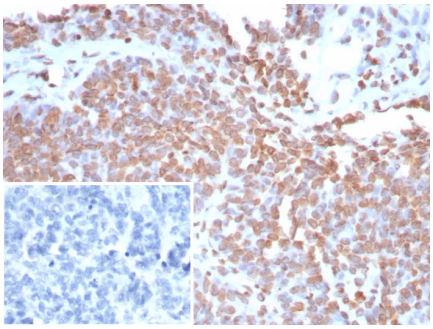
Clone	rDSD/8266
Immunogen	Nuclei of Burkitt's cells
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Species Reactivity	Human
Positive Control	Jurkat or HeLa cells. Human tonsil or colon.|Raji

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant dsDNA (Double Stranded DNA) Antibody



SDS-PAGE Analysis of Purified Proliferation Marker Recombinant Mouse Monoclonal Antibody(rDSD/8266). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human ovarian cancer stained with dsDNA Recombinant Mouse Monoclonal Antibody (rDSD/8266). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty