

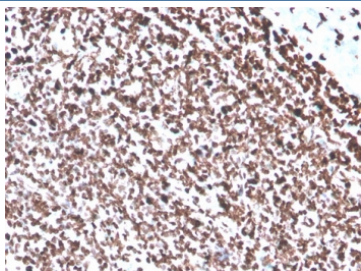
## Recombinant dsDNA Antibody [clone DSD/4054R] (V8122)

Catalog No.	Formulation	Size
V8122-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8122-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8122SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

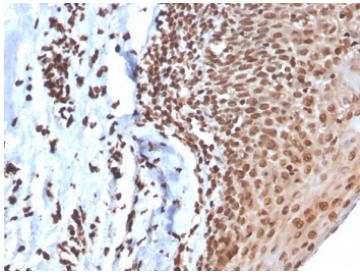
Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	DSD/4054R
Purity	Protein A affinity chromatography
UniProt	Not Known
Localization	Nuclear
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant dsDNA antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with recombinant dsDNA antibody (clone DSD/4054R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



IHC: Formalin-fixed, paraffin-embedded human tonsil stained with recombinant dsDNA antibody (clone DSD/4054R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.

## Description

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.

## Application Notes

Optimal dilution of the recombinant dsDNA antibody should be determined by the researcher.

## Immunogen

Nuclei of Burkitt's cells were used as the immunogen for the recombinant dsDNA antibody.

## Storage

Store the recombinant dsDNA antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).