

**Product Name: DNA Nucleotidylexotransferase Rabbit  
Monoclonal Antibody  
Catalog #: AMRe02679**

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## Summary

<b>Production Name</b>	DNA Nucleotidylexotransferase Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	DNTT
<b>Alternative Names</b>	DNA nucleotidylexotransferase; DNTT; TDT; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase
<b>Gene ID</b>	1791
<b>SwissProt ID</b>	P04053.

## Application

<b>Dilution Ratio</b>	WB: 1:500-1:1000 IP: 1:20
<b>Molecular Weight</b>	Calculated MW: 59 kDa; Observed MW: 59 kDa

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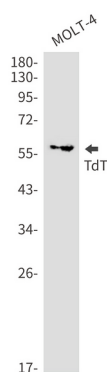
## Background

Template-independent DNA polymerase which catalyzes the random addition of deoxynucleoside 5'-triphosphate to the 3'-end of a DNA initiator. One of the in vivo functions of this enzyme is the addition of nucleotides at the junction (N region) of rearranged Ig heavy chain and T-cell receptor gene segments during the maturation of B- and T-cells.

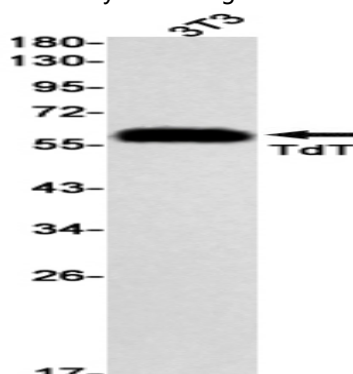
## Research Area

Immunology

## Image Data



Western blot analysis of TdT in MOLT4 lysates using DNA Nucleotidyltransferase antibody.



Western blot analysis of TdT in 3T3 lysates using TdT antibody.

## Note

For research use only.