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TDT Antibody

Rabbit mAb
Catalog # AP92076

Product Information

Application	WB, IHC
Primary Accession	P04053
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	DNA nucleotidylexotransferase; DNTT; TDT; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	58536

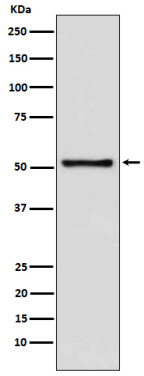
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TDT
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	DNTT
Synonyms	TDT {ECO:0000303|PubMed:11473582}
Function	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.
Cellular Location	Nucleus.

Images



Western blot analysis of TDT expression in Jurkat cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.