

Rabbit anti-Human TdT/DNA Nucleotidylexotransferase Monoclonal Antibody | anti-DNTT antibody

TdT/DNA Nucleotidylexotransferase (Acute Lymphoblastic Leukemia Marker) Recombinant Rabbit Monoclonal Antibody [Clone DNTT/4506R]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215602	Rabbit	Human	Immunohistochemistry

PRODUCT SYNONYMS

TdT/DNA Nucleotidylexotransferase; Monoclonal Antibody; TdT/DNA Nucleotidylexotransferase (Acute Lymphoblastic Leukemia Marker) Recombinant Rabbit Monoclonal Antibody [Clone DNTT/4506R]; TdT/DNA Nucleotidylexotransferase (Acute Lymphoblastic Leukemia Marker); Deoxynucleotidyltransferase terminal; DNTT; Nucleosidetriphosphate DNA Deoxynucleotidylexotransferase; TDT; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal deoxyribonucleotidyltransferase; anti-DNTT antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG, kappa
Clone Number	DNTT/4506R
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. 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-DNTT antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic peptide corresponding to residues within aa1-100 of TdT was used as an immunogen.
Cellular Localization	Nucleus
Positive Control	Human thymus. Jurkat cells.
Hu-chromosome Location	10q24.1
Unigene	534206
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 thymus stained with TdT Recombinant Rabbit
Monoclonal Antibody (DNTT/4506R).

ADDITIONAL INFORMATION

Related Product Information for anti-DNTT antibody	Terminal deoxynucleotidyl transferase (TdT) is an unusual deoxynucleotide polymerizing enzyme with a molecular weight of about 58 kDa found normally only in B- and T-cell lymphoblasts/prelymphocytes. TdT generates antigen receptor diversity by synthesizing non-germ line elements (N-regions) at the junctions of rearranged Ig heavy chain and T cell receptor gene segments. Rare TdT-positive cells are regularly detected in thymus and bone marrow. Typically, TdT expression in the thymus is very variable from cell to cell since it is rapidly decreased in more mature T-cells. TdT-positive cells may occasionally be found in tonsils, lymph nodes and extranodal lymphoid tissue. Immunohistochemical detection of TdT has value in classification of malignant lymphomas and acute leukemias, particularly for the identification of pre-B and pre-T acute lymphoblastic leukemia/lymphoblastic lymphoma (ALL/LBL).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	63054852
NCBI GeneID	1791
NCBI Accession #	NP_001017520.1
NCBI GenBank Nucleotide #	NM_001017520.1
UniProt Accession #	P04053; Q53FH1; Q5W103; Q96E50
Molecular Weight	58,536 Da
NCBI Official Full Name	DNA nucleotidylexotransferase isoform 2
NCBI Official Synonym Full Names	DNA nucleotidylexotransferase
NCBI Official Symbol	DNTT
NCBI Official Synonym Symbols	TDT
NCBI Protein Information	DNA nucleotidylexotransferase; terminal transferase; terminal addition enzyme; terminal deoxynucleotidyltransferase; deoxynucleotidyltransferase, terminal; terminal deoxyribonucleotidyltransferase; nucleosidetriphosphate:DNA deoxynucleotidylexotransferase
UniProt Protein Name	DNA nucleotidylexotransferase
UniProt Gene Name	DNTT
UniProt Synonym Gene Names	TDT; Terminal transferase
UniProt Entry Name	TDT_HUMAN

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/tdt-dna-nucleotidylexotransferase-antibody-clone-dntt-4506r-immunohistochemistry-elisa/215602>