

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

TdT/DNA Nucleotidylexotransferase (Acute Lymphoblastic Leukemia Marker)

CATALOG # AAA215444	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

TdT/DNA Nucleotidylexotransferase; Monoclonal Antibody; TdT/DNA Nucleotidylexotransferase (Acute Lymphoblastic Leukemia Marker); Deoxynucleotidyltransferase terminal; DNA Nucleotidylexotransferase; DNTT; Nucleosidetriphosphate DNA Deoxynucleotidylexotransferase; TDT; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal deoxyribonucleotidyltransferase; Terminal transferase; anti-DNTT antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	DNTT/1453
Specificity	Terminal deoxynucleotidyltransferase (TdT) is a DNA polymerase which catalyzes the addition of deoxyribonucleotides onto the 3 termini of DNA. The human TdT gene maps to chromosome 10q24.1 and encodes a 510 amino acid protein. Human TdT is synthesized as a single chain peptide that elicits a minor preference for incorporation of deoxyribonucleotides over ribonucleotides forming DNA strands. TdT is present in immature thymocytes, some bone marrow cells, transformed pre-B and pre-T cell lines, and leukemia cells.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml or Purified Ab with BSA and Azide at 200ug/ml or Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
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.
Sequence Length	508
Applicable Applications for anti-DNTT antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant fragment (around aa 52-192) of Human DNTT protein (exact sequence is proprietary)
Cellular Localization	Nucleus
Hu-chromosome Location	10q24.1
Positive Control	Human thymus. Jurkat cells.
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 TdTMouse Monoclonal Antibody (DNNT/1453).



IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded human Thymus stained with TdTMouse Monoclonal Antibody (DNNT/1453).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Thymus stained with TdTMouse Monoclonal Antibody (DNNT/1453).

ADDITIONAL INFORMATION

References	Faber J, et al. Arch Pathol Lab Med. 2000 Jan;124(1):92-7.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	63054852
NCBI GeneID	1791
NCBI Accession #	NP_001017520.1
NCBI GenBank Nucleotide #	NP_001017520.1
UniProt Accession #	P04053
Molecular Weight	58kDa
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
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.