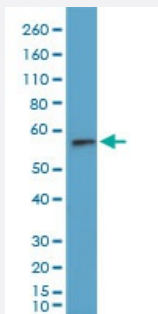


RecomAb™

DNTT monoclonal antibody, clone RM379

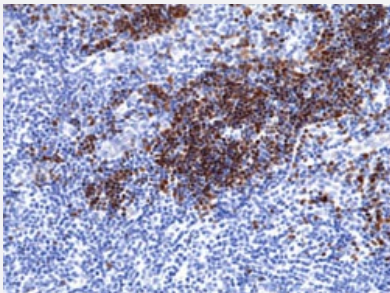
Catalog # MAB23162 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of Jurkat cell lysates with DNTT monoclonal antibody, clone RM379 (Cat # MAB23162) at a 1:2000 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human thymus with DNTT monoclonal antibody, clone RM379 (Cat # MAB23162) at a 1:200 dilution.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human DNTT.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human DNTT.
Reactivity	Human
Specificity	This antibody reacts to human DNTT.
Form	Liquid

Purification	Protein A purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:100-1:200) Western Blot (1:1000-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — DNTT

Entrez GeneID	1791
Gene Name	DNTT
Gene Alias	TDT
Gene Description	deoxynucleotidyltransferase, terminal
Omim ID	187410
Gene Ontology	Hyperlink

Gene Summary

This gene is a member of the DNA polymerase type-X family and encodes a template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, the encoded protein is expressed in a restricted population of normal and malignant pre-B and pre-T lymphocytes during early differentiation, where it 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. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq]

Other Designations

DNA nucleotidyltransferase|OTTHUMP00000020171|nucleosidetriphosphate:DNA deoxynucleotidyltransferase|terminal addition enzyme|terminal deoxynucleotidyltransferase|terminal deoxyribonucleotidyltransferase|terminal transferase

Pathway

- [Hematopoietic cell lineage](#)
- [Non-homologous end-joining](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)