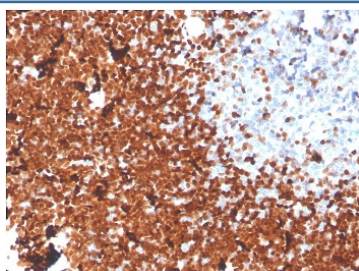


TdT Antibody / DNA nucleotidylexotransferase [clone DNTT/1453] (V8536)

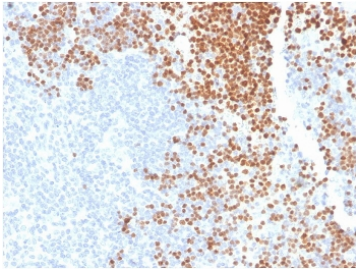
Catalog No.	Formulation	Size
V8536-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8536-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8536SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

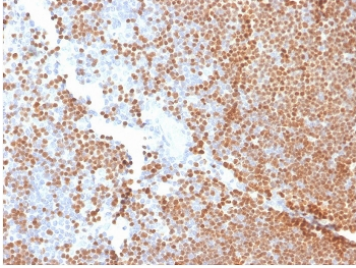
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	DNTT/1453
Purity	Protein G affinity chromatography
UniProt	P04053
Localization	Nucleus
Applications	ELISA : 2-4ug/ml for coating; order Ab without BSA) Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This TdT antibody is available for research use only.



IHC staining of FFPE human thymus with TdT antibody. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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Description

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.

Application Notes

Optimal dilution of the TdT antibody should be determined by the researcher.

Immunogen

A portion of amino acids 52-192 from the human protein was used as the immunogen for the TdT antibody.

Storage

Store the TdT antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).