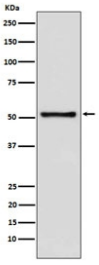
TdT Antibody / DNA nucleotidylexotransferase [clone AFHA-4] (RQ5034)

Catalog No.	Formulation	Size
RQ5034	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AFHA-4
Purity	Affinity purified
UniProt	P04053
Applications	Western blot: 1:500-1:2000
Limitations	This TdT antibody is available for research use only.



Western blot testing of human Jurkat cell lysate with TdT antibody. Predicted molecular weight ~56 kDa.

Description

Terminal deoxynucleotidyltransferase is a 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. [UniProt]

This antibody can be compared with our TdT Antibody (clone TDT/1393) for detection of terminal deoxynucleotidyl

transferase in lymphoid precursor cells and hematologic malignancy studies.

Application Notes

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

Immunogen

A synthetic peptide specific to human TdT / DNTT was used as the immunogen for the TdT antibody.

Storage

Store the TdT antibody at -20oC.

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