antibodies -online.com







anti-TdT antibody (AA 438-467)

Images



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Quantity:	0.4 mL
Target:	TdT (DNTT)
Binding Specificity:	AA 438-467
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TdT antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	A portion of amino acids 438-467 from human DNA nucleotidylexotransferase was used as the
	immunogen for this TdT antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse
Purification:	Antigen affinity purified
Target Details	
Target:	TdT (DNTT)
Alternative Name:	TdT (DNTT Products)

Target Details

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.

UniProt:

P04053

Pathways:

DNA Damage Repair

Application Details

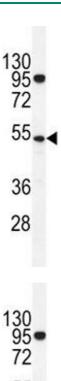
Application Notes:	Titration of the TdT antibody may be required due to differences in protocols and	
	secondary/substrate sensitivity.\. Western blot: 1:1000	

Restrictions:

For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the TdT antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



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Western Blotting

Image 1. TdT antibody western blot analysis in K562 lysate. Predicted molecular weight ~55 kDa

Western Blotting

Image 2. TdT antibody western blot analysis in K562 lysate. Predicted molecular weight ~55 kDa