

## Product datasheet for **TA399880**

### DNTT Rabbit Monoclonal Antibody [Clone ID: 32D5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	32D5
Applications:	ELISA, IHC, WB
Reactivity:	Human
Modifications:	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG2a format for improved compatibility with existing reagents assays and techniques.
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing mice with the recombinant TdT protein.
Specificity:	<p>The antibody is specific for TdT. TdT 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.</p> <p>The antibody specifically detected TDT protein in Western blot analysis. The antibody 32D5 and the commercial antibody SEN28 were used to stain lymphoma and thymus. Results showed the antibody specificity is comparable to the commercial antibody. Further, the sensitivity of the antibody 32D5 was higher than the commercial antibody. The antibody and the commercially available antibody TA347 were simultaneously detected on the normal tissue chip, indicating that the specificity of the antibody in normal tissue was equivalent to that of the commercially available antibody (CN113265003A).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	<a href="#">P04053</a>
Synonyms:	CGMCC NO 20777; DNA nucleotidylexotransferase; TdT; Terminal addition enzyme; Terminal deoxynucleotidyltransferase; Terminal transferase



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