

## Monoclonal Mouse Antibody to Tdt

<b>Catalog No.:</b>	PDM 096
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	Recombinant protein corresponding to the amino terminal region of TdT molecule.
<b>Clone:</b>	SEN28
<b>Isotype:</b>	IgG2a
<b>Format:</b>	This antibody is supplied as tissue culture supernatant containing Sodium Azide and Proclin 300 as preservatives.
<b>Titer/Working Dilution:</b>	This antibody has been pre-titered and quality controlled to work on formalin-fixed paraffin-embedded and acetone-fixed cryostat tissue sections. No further titration is required.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
<b>Specificity:</b>	This antibody stains a 58kD peptide in human lymphoblasts. TdT is present in the cells during immunoglobulin gene rearrangement and plays an important role in lymphocytes maturation. TdT marks both T and B immature lymphocytes normally found in thymus and bone marrow.
<b>Positive Control:</b>	Thymus
<b>Cellular Localization:</b>	Nuclear
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Bollium et al. J Biol Chem 259: 5848, 1984. ii) Bearman et al. Am J Clin Pathol 75: 791, 1981. iii) Hecht et al. Blood 58: 856, 1981.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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