

Monoclonal Mouse Antibody to Terminal Deoxynucleotidyl Transferase (TdT)

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| Catalog No.: | Mob 097-1, Mob 097-1-05 |
| Intended Use: | 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. |
| Immunogen: | Recombinant protein corresponding to the amino terminal region of TdT molecule. |
| Clone: | SEN28 |
| Isotype: | IgG2a |
| Format: | This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative. |
| Titer/Working Dilution: | This antibody may be diluted to a titer of 1:10-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed. |
| Staining Protocol: | 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>Paraffin-embedded tissue sections require high temperature antigen unmasking using 10 mM citrate buffer, pH 6.0.</u> |
| Specificity: | 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. |
| Positive Control: | Thymus |
| Cellular Localization: | Nuclear |
| Storage: | Store at 2-8°C. Do not use beyond the expiration date stated on the label. |
| References: | i) Bollum FJ Blood 54: 1203, 1979. ii) Farahat et al. Leukemia 9: 583, 1995. iii) Soslow ra et al. Hum Pathol 28: 1158, 1997. |

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

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: www.dbiosys.com e-mail: customersupport@dbiosys.com