

IMMUNOHISTOCHEMISTRY, TdT

IHC MARKER	RESULT
TdT (TERMINAL DEOXYNUCLEOTIDYL TRANSFERASE)	

SLIDE NO :

SPECIMEN:

CLINICAL HISTORY:

GROSS:

IMPRESSION:

ADVISED:

INTERPRETATION

RESULT	SCORE
Non immunoreactive	0
Immunoreactive in 1-25% cells	1+
Immunoreactive in 26-50% cells	2+
Immunoreactive in 51-75% cells	3+
Immunoreactive in 76-100% cells	4+

Comments

TdT: Predominant normal cell reactivity of TdT is seen in precursor cells in marrow and cortical thymocytes. TdT reactivity in neoplasms is seen in mostly Lymphoblastic lymphomas, Leukemias of T or B cell lineage and some Myeloid leukemias. TdT can occasionally be expressed by Non-hematolymphoid small round cell tumors. TdT is the single most useful marker for distinction of Lymphoblastic neoplasms from Peripheral T cell lymphoma and Mature B cell lymphoma .

NOTE:

1. Detection system used is Polymer HRP
2. The impression is based on the material submitted and is not a complete **surgical** pathology report.
3. False negative IHC results due to inadequate fixation of the material sent for evaluation cannot be excluded.

FIXATION REQUIREMENTS:

- A. The volume of formalin fixative should be atleast 10 times the volume of the specimen.
- B. Decalcification solutions with strong acids should not be used.
- C. Specimens should be immersed in fixative within 1 hour of the biopsy / resection procedure (time of removal & time of immersion to be mentioned)
- D. In all resection (large) specimens, the tumour must be bisected prior to immersion in fixative