

## IMMUNOHISTOCHEMISTRY, CD99 (MIC 2)

IHC MARKER	RESULT
CD99 (MIC2)	

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**

**CD99 (MIC2):** It is mainly used for the diagnosis of Ewing's Sarcoma / PNET, but is also present in a large variety of tumors including Lymphoblastic lymphomas, some Rhabdomyosarcomas, Retinoblastomas, some Desmoplastic small cell tumors, Ependymoma, Solitary fibrous tumor, Synovial sarcoma, Neuroendocrine tumors and ovarian Granulosa cell tumor. CD99 positivity is also seen in immature T cells (Thymocytes) and is therefore used in the diagnosis of Thymomas.

## **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 at least 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