

IMMUNOHISTOCHEMISTRY, Ki 67

IHC MARKER	SCORE	RESULT
Ki 67		

SLIDE NO :

SPECIMEN:

CLINICAL HISTORY :

GROSS:

IMPRESSION:

ADVISED:

Comments

Ki 67: is a cell proliferation marker that corresponds to a nuclear non-histone protein expressed by cells in the proliferative phase. There is a good relationship between Ki 67 staining and mitotic count. Ki 67 alongwith PCNA marker is used for the evaluation of proliferative activity in paraffin embedded material.

RESULT	SCORE
Non immunoreactive	0
Immunoreactive in < 5% cells	1+
Immunoreactive in 5-9% cells	2+
Immunoreactive in 10-49% cells	3+
Immunoreactive in > or = 50% cells	4+

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.