

IMMUNOHISTOCHEMISTRY, EGFR

IHC MARKER	RESULT
EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR)	

SLIDE NO :

SPECIMEN:

CLINICAL HISTORY :

GROSS:

IMPRESSION:

ADVISED:

Comments

EGFR : It is a transmembrane receptor which is used as a prognostic marker in breast cancers. In patients with axillary node negative breast cancer, EGFR positivity identifies patients with shorter disease free survival. The intracytoplasmic localization in breast carcinoma cells suggests that it maybe responsible in growth regulation of breast tumors. EGFR also inhibits gastric acid secretion & maintains integrity of epithelial surfaces. EGFR is a growth factor which binds to its receptor to initiate mitogenesis at the cell membrane level. Clone for EGFR is EP 38 Y - Rabbit Monoclonal.

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.