

IMMUNOHISTOCHEMISTRY, CK 5/6

| IHC MARKER | RESULT |
|------------|--------|
| CK 5/6 | |

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

CK 5/6: These are expressed in basal, intermediate & superficial cell layers of stratified squamous epithelium as well as in transitional epithelium and mesothelial cells. CK 5/6 has been shown to be a reliable marker for Mesothelioma, Squamous cell carcinoma of lung & Bowens disease. It is also used as a confirmatory immunostain to identify Lymphoepitheliomas. It does not react with pulmonary Adenocarcinoma.

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.