

IMMUNOHISTOCHEMISTRY, NEUROFILAMENT POLYPEPTIDE

IHC MARKER	RESULT
NEUROFILAMENT POLYPEPTIDE	

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

Neurofilament Polypeptide: Neurofilaments represent intermediate filaments of neurons and their processes. They are expressed in tumors of Neuronal origin or differentiation like Neuroblastoma, Medulloblastoma and Retinoblastoma. Positivity is also seen in Merkel cell tumor of skin, Endocrine tumors of pancreas, Carcinoid tumors, Parathyroid tumors and neoplasms of endocrine nature.

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.