

IMMUNOHISTOCHEMISTRY, CD56

IHC MARKER	RESULT
CD56	

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

CD56: The NKH-1 (CD56) antigen is present on 10-15% subpopulation of human peripheral blood lymphocytes and is expressed on all cells which mediate non-MHC restricted cytotoxicity. It is a pan natural killer cell antigen. The antibody reacts with one of the three distinct epitopes that have been identified. It can also be of value in the immunophenotyping of tumors derived from neuroectodermal tissue. This antibody is useful in the diagnosis of Natural killer (NK) cell neoplasms and some peripheral T cell lymphomas specially those expressing gamma delta T cell antigen receptor.

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.