

IMMUNOHISTOCHEMISTRY, CD35

IHC MARKER	RESULT
CD35	

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

CD 35: The CD 35 antigen is a transmembrane monomeric glycoprotein of 60-250kD. It is also known as complement receptor 1 (CR1) or C3b/C4b receptor as it binds the complement components C3 and C4b and thereby helps clear foreign particles. By facilitating C3b and C4b cleavage by factor I and accelerating the decay of the C3 and C5 convertases, CD35 limits complement activation and produces ligands for other complement receptors. CD35 antigen has been used in characterization of tumors of histiocytes and accessory dendritic cells by immunohistochemistry. This antibody stains the membrane of follicular dendritic cells and a subset of T-cells.

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.