

IMMUNOHISTOCHEMISTRY, ALK-1

IHC MARKER	RESULT
ALK-1 (ANAPLASTIC LYMPHOMA KINASE-1)	

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

ALK-1: The majority of Anaplastic large cell lymphomas are associated with the t(2;5) (p23;q35) translocation, and express ALK-1 (Anaplastic Lymphoma Kinase-1) in 70% cases. The staining for this antibody is predominantly nuclear. It is also expressed by some B cell Lymphomas and Inflammatory myofibroblastic tumors of the urinary bladder.

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