

Monoclonal Mouse Antibody to p80 (Anaplastic Lymphoma Kinase)

Catalog No.:	Mob 416, Mob 416-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	Prokaryotic recombinant protein corresponding to a region which spans the tyrosine kinase catalytic domain and part of the C-terminus of NPM-ALK transcript (419-520 aa).
Clone:	5A4
Isotype:	IgG1
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:25-1:70 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 60 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>High temperature treatment of formalin-fixed tissue sections with 10mM citrate buffer, pH 6.0 must be performed prior to the immunostaining.</u>
Specificity:	Anaplastic large cell lymphoma (ALCL) is usually composed of large pleomorphic cells, which express CD30 antigen and the epithelial membrane antigen (EMA). These tumor cells tend to occur in younger patients and may be associated with cutaneous and extranodal involvement. Large cell lymphoma account for approximately 25% of all non-Hodgkin's lymphomas in children and young adults.
Positive Control:	Anaplastic lymphoma
Cellular Localization:	Cytoplasmic and/or nuclear
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Downing et al. Blood 85: 3416, 1995. ii) Pittaluga et al. Am J Pathol 151: 343, 1997. iii) Pulford et al. Blood 89: 1394, 1997.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

DBS

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