

Mouse anti-p80 (Anaplastic Lymphoma Kinase), clone 5A4 (monoclonal)

Clone no. 5A4

MONXtra

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Product name	Mouse anti-p80 (Anaplastic Lymphoma Kinase), clone 5A4 (monoclonal)
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to a region which spans the tyrosine kinase catalytic domain and part of the C-terminus of the NPM-ALK
Isotype	IgG1
Clonality	Monoclonal
Clone number	5A4
Size	0.5 ml
Concentration	Greater than or equal to 32 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 15mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Anaplastic large cell lymphoma (ALCL) is usually composed of large pleomorphic cells which are reported to express CD30 antigen and epithelial membrane antigen (EMA). These tumor cells tend to occur in younger individuals and may be associated with cutaneous and extranodal involvement. A proportion of these cases contain a chromosomal translocation t(2;5) (p23;q35). This results in a hybrid gene encoding part of the nucleophosmin (NPM) gene joined to the cytoplasmic domain of the anaplastic lymphoma kinase (ALK) gene, giving rise to the protein, p80. Large cell lymphomas account for approximately 25% of all non-Hodgkin's lymphomas in children and young adults, of which one third carry the NPM-ALK gene translocation.

**References**

1. Liu A et al. Acta Histochemica et Cytochemica. 2004; 37(1):21-30
2. Li X-Q et al. Human Pathology. 2004; 35:711-721
3. -
4. -
5. -

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