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## Produktinformation



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## Mouse Anti-Human Anaplastic Lymphoma Kinase (ALK) p80 Monoclonal Antibody

CLSG80239, CLSG80239-05

- 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:** 1ml (CLSG80239), 0.5ml (CLSG80239-05). This antibody is supplied as tissue culture supernatant containing sodium azide as preservative.
- Titer/Working Dilution:** This antibody may be diluted to a titer of 1:25-1:70 however, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.
- Staining Protocol:** We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. Tissues fixed in 10% formalin are suitable for use prior to paraffin embedding. Consult references (Kiernan, 1981; Sheehan & Hrapchak, 1980) for further details on specimen preparation. The user is advised to validate the use of the products with tissue specimens prepared and handled in accordance with their laboratory practices.

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**Summary and Explanation:** 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 lymphomas in children and young adults.

**Positive Control:** Anaplastic Lymphoma

**Cellular Localization:** Cytoplasmic, Cell membrane

**Storage:** Store the antibody at 4-8°C.

**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.

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