

Product datasheet for **DM416**

ALK Mouse Monoclonal Antibody [Clone ID: 5A4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5A4
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen and Paraffin Sections (ABC method: 1/25-1/70). High temperature treatment of formalin-fixed tissue sections with 10mM citrate buffer, pH 6.0 must be performed prior to the immunostaining. Incubation Time: 60 minutes at room temperature. Positive Control: Anaplastic lymphoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
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).
Specificity:	Recognizes ALK/p80. Cellular Localization: Cytoplasmic and/or nuclear.
Formulation:	State: Supernatant State: Tissue Culture Supernatant
Purification:	< 0.1 Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	anaplastic lymphoma receptor tyrosine kinase
Database Link:	Entrez Gene 238 Human Q9UM73



[View online »](#)

Background:

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.

Synonyms:

ALK tyrosine kinase receptor

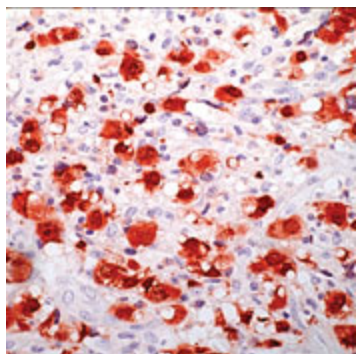
Product images:

Figure 1. Formalin-fixed, paraffin-embedded human anaplastic lymphoma stained with p80/ALK Ab (Cat. DM416) using peroxidase-conjugate and AEC chromogen. Note nuclear and cytoplasmic staining of tumor cells.