

Rabbit Polyclonal Antibody to Anaplastic Lymphoma Kinase (ALK) p80

Catalog No.:	RP 110, RP 110-05
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:	Recombinant protein corresponding to a region which spans the tyrosine kinase catalytic domain and part of the c-terminus of the NPM-Alk transcript.
Host:	Rabbit
Format:	Purified immunoglobulin fraction of rabbit antiserum against ALK containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 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 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	This antibody reacts with a 80 kD protein. Anaplastic large cell lymphoma (ALCL) is usually composed of large pleomorphic cells. This antibody recognizes a human p80 protein, identified as a hybrid of the anaplastic lymphoma kinase (ALK) gene and the nucleophosmin (NPM) gene resulting from the t (2;5) (p23;q35) translocation found in a third of large cell lymphomas. This antibody can be used to detect p80 in these lymphomas and a subtype of large B cell lymphoma which expresses the full length ALK protein.
Positive Control:	Anaplastic lymphoma
Cellular Localization:	Cytoplasmic, nuclear
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

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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