

Nur für Forschungszwecke

# ALK Polyklonaler Antikörper

Katalog-Nr.: 24184-1-AP

1 Publikationen



## Allgemeine Informationen

|  |  |  |
|--|--|--|
| <b>Katalog-Nr.:</b><br>24184-1-AP  | <b>GenBank-Zugangsnummer:</b><br>NM_004304                                 | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung             |
| <b>Größe:</b><br>150ul, Konzentration: 500 µg/ml von Nanodrop und 333 µg/ml durch die Bradford-Methode mit BSA als Standard; | <b>GeneID (NCBI):</b><br>238   | <b>Empfohlene Verdünnungen:</b><br>WB 1:500-1:1000<br>IHC 1:20-1:200 |
| <b>Wirt:</b><br>Kaninchen  | <b>Vollständiger Name:</b><br>anaplastic lymphoma receptor tyrosine kinase |  |
| <b>Isotyp:</b><br>IgG  | <b>Berechnete Masse:</b><br>1620 aa, 176 kDa                               |  |
| <b>Immunogen Katalognummer:</b><br>AG21493   | <b>Beobachtete Masse:</b><br>180 kDa                                       |  |

## Anwendungen

|   |  |
|---|--|
| <b>Geprüfte Anwendungen:</b><br>IHC, WB, ELISA  | <b>Positivkontrollen:</b><br>WB: Jurkat-Zellen, MCF-7-Zellen, U-87 MG-Zellen |
| <b>In Publikationen genannte Anwendungen:</b><br>WB   | <b>IHC:</b> humanes Lymphomgewebe, humanes Hirngewebe                        |
| <b>Getestete Reaktivität:</b><br>Human  |  |
| <b>Zitierte Arten:</b><br>Human   |  |
| <b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b> |  |

## Hintergrundinformationen

ALK, also named as CD246, is a receptor tyrosine kinase (RTK) that belongs to the protein kinase superfamily. ALK is usually found in the nervous system and appears to play an important role in the normal development and function of the nervous system. ALK was originally identified as part of the NPM (Nucleophosmin)-ALK oncogenic fusion protein, resulting from the (2;5)(p23;q35) translocation that is frequently associated with anaplastic large-cell lymphoma (ALCL). The EML4 (echinoderm microtubule-associated protein-like 4)-ALK fusion protein have been described in non-small-cell lung cancer (NSCLC), this transforming fusion kinase is a promising candidate for a therapeutic target as well as for a diagnostic molecular marker in NSCLC (PMID: 17625570).

## Bemerkenswerte Veröffentlichungen

| Verfasser     | Pubmed ID | Journal   | Anwendung |
|---------------|-----------|-----------|-----------|
| Mai-Qing Yang | 32020224  | Oncol Rep | WB        |

## Lagerung

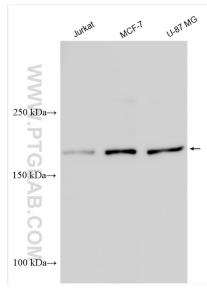
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

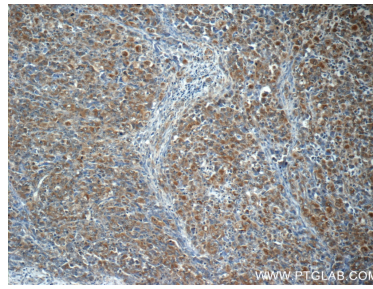
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

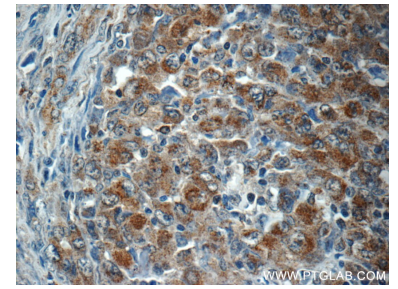
## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 24184-1-AP (ALK antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 24184-1-AP (ALK Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 24184-1-AP (ALK Antibody) at dilution of 1:50 (under 40x lens).