

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ALK

Numéro de catalogue: 60321-1-Ig **2 Publications**



## Informations de base

Numéro de catalogue: 60321-1-Ig	Numéro d'acquisition GenBank: NM_004304	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2000 µg/ml by 238 Nanodrop and 1600 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): anaplastic lymphoma receptor tyrosine kinase	CloneNo.: 7G9E3
Hôte: Mouse	Nom complet: anaplastic lymphoma receptor tyrosine kinase	Dilutions recommandées: WB 1:500-1:2000 IHC 1:200-1:800
Isotype: IgG2a	MW calculé 1620 aa, 176 kDa	
Immunogen Catalog Number: AG21493		

## Applications

Applications testées: IHC, WB, ELISA	Contrôles positifs: WB : Protéine recombinante, IHC : tissu de lymphome humain,
Demandes citées: WB	
Spécificité de l'espèce: Humain	
Espèces citées: Humain	
<b>Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.</b>	

## Informations générales

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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
D Kong	25997961	Neoplasma	WB
Tao Pan	34237620	Eur J Med Chem	WB

## Stockage

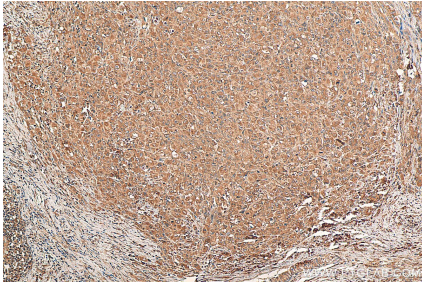
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

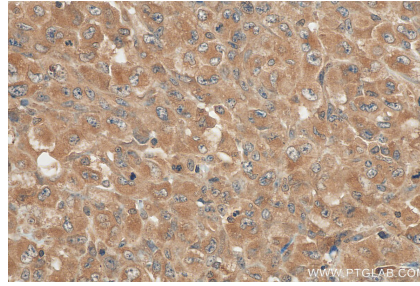
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

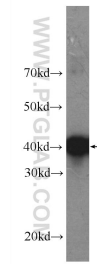
## Données de validation sélectionnées



Immunohistochemical analysis of paraffin-embedded human anaplastic large cell lymphoma (ALCL) tissue slide using 60321-1-Ig (ALK antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human anaplastic large cell lymphoma (ALCL) tissue slide using 60321-1-Ig (ALK/CD246 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Recombinant protein were subjected to SDS PAGE followed by western blot with 60321-1-Ig (ALK Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.