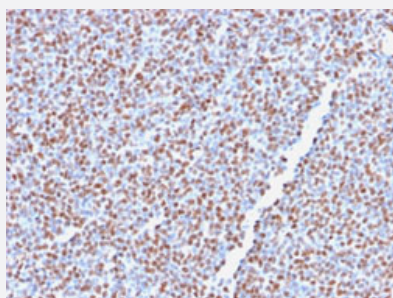


RecomAb™

# ALK recombinant monoclonal antibody, clone ALK1/2766R

Catalog # RAB00418      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human anaplastic large cell lymphoma with ALK recombinant monoclonal antibody, clone ALK1/2766R (Cat # RAB00418).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human ALK.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against recombinant protein corresponding to full length human ALK.
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS
<b>Storage Instruction</b>	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

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## Gene Info — ALK

Entrez GeneID	<a href="#">238</a>
Protein Accession#	<a href="#">Q9UM73</a>
Gene Name	ALK
Gene Alias	CD246, Ki-1, TFG/ALK
Gene Description	anaplastic lymphoma receptor tyrosine kinase
Omim ID	<a href="#">105590</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The 2;5 chromosomal translocation is frequently associated with anaplastic large cell lymphomas (ALCLs). The translocation creates a fusion gene consisting of the ALK (anaplastic lymphoma kinase) gene and the nucleophosmin (NPM) gene: the 3' half of ALK, derived from chromosome 2, is fused to the 5' portion of NPM from chromosome 5. A recent study shows that the product of the NPM-ALK fusion gene is oncogenic. The deduced amino acid sequences reveal that ALK is a novel receptor protein-tyrosine kinase having a putative transmembrane domain and an extracellular domain. These sequences are absent in the product of the transforming NPM-ALK gene. ALK shows the greatest sequence similarity to LTK (leukocyte tyrosine kinase). ALK plays an important role in the development of the brain and exerts its effects on specific neurons in the nervous system. [provided by RefSeq]
Other Designations	ALK tyrosine kinase receptor CD246 antigen anaplastic lymphoma kinase (Ki-1) anaplastic lymphoma kinase Ki-1

## Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)

- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)