

## ALK (phospho-Tyr1278/1282/1283) rabbit pAb

Catalog No: #14102



Package Size: #14102-1 50ul #14102-2 100ul

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## Description

Product Name	ALK (phospho-Tyr1278/1282/1283) rabbit pAb
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human
Specificity	This antibody detects endogenous levels of Human ALK (phospho-Tyr1278 or 1282 or 1283)
Immunogen Description	Synthesized phospho peptide around human ALK (Tyr1278 and 1282 and 1283)
Other Names	ALK tyrosine kinase receptor (EC 2.7.10.1) (Anaplastic lymphoma kinase) (CD antigen CD246)
Accession No.	Swiss Prot:Q9UM73GeneID:238
Uniprot	Q9UM73
GeneID	238
SDS-PAGE MW	170
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

## Application Details

WB 1:1000-2000

## Background

anaplastic lymphoma receptor tyrosine kinase(ALK) Homo sapiens This gene encodes a receptor tyrosine kinase, which belongs to the insulin receptor superfamily. This protein comprises an extracellular domain, an hydrophobic stretch corresponding to a single pass transmembrane region, and an intracellular kinase domain. It plays an important role in the development of the brain and exerts its effects on specific neurons in the nervous system. This gene has been found to be rearranged, mutated, or amplified in a series of tumours including anaplastic large cell lymphomas, neuroblastoma, and non-small cell lung cancer. The chromosomal rearrangements are the most common genetic alterations in this gene, which result in creation of multiple fusion genes in tumorigenesis, including ALK (chromosome 2)/EML4 (chromosome 2), ALK/RANBP2 (chromosome 2), ALK/ATIC (chromosome 2), ALK/TFG (chromosome 3), ALK/NPM1 (chromosome 5), ALK/SQSTM1 (chromosome

Note: This product is for in vitro research use only