

Product Information

Recombinant Anti-Human alk Antibody

Cat. No.: **MOM-18269**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human ALK, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Orphan receptor with a tyrosine-protein kinase activity. Appears to play an important role in the normal development and function of the nervous system. Phosphorylates almost exclusively at the first tyrosine of the Y-x-x-x-Y-Y motif.

Specific Activity

Tested positive against native antigen.

Target

ALK

Immunogen

Prokaryotic recombinant protein corresponding to a region which spans the tyrosine kinase catalytic domain and part of the C-terminus of NPM-ALK transcript (419-520 aa).

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

Suitable for use in ELISA, IP, FC, FuncS, IF, Neut and most other immunological methods.

Storage

Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C.

ANTIGEN GENE INFORMATION

Gene Name

[ALK anaplastic lymphoma receptor tyrosine kinase \[Homo sapiens \]](#)

Official Symbol

ALK

Synonyms

ALK; anaplastic lymphoma receptor tyrosine kinase; anaplastic lymphoma kinase (Ki 1); ALK tyrosine kinase receptor; CD246; CD246 antigen; mutant anaplastic lymphoma kinase; NBLST3

Gene ID

[238](#)

mRNA Refseq

[NM_004304](#)

Protein Refseq

[NP_004295](#)

MIM

[105590](#)

UniProt ID

Q9UM73

Chromosome Location

2p23

Function

ATP binding; NF-kappaB-inducing kinase activity; nucleotide binding; receptor activity; transmembrane receptor protein tyrosine kinase activity; transmembrane receptor protein tyrosine kinase activity;