

Product Information

Recombinant Anti-Human alk Antibody Fab Fragment

Cat. No.: **MOM-18269-F(E)**

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

Product Overview

Recombinant Mouse Antibody Fab Fragment is directed against 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

Fab

Expression Host

CHO

Purity

Purity >95% by SDS-PAGE.

Applications

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

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

Gene Name

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;