

ALK (R1275Q)

Catalog Number: 26151

Gene Symbol: ALK, CD246, NBLST3

Description: Anti-ALK (R1275Q) Mouse Monoclonal Antibody

Background: Anaplastic lymphoma kinase (ALK) also known as CD246 (cluster of differentiation 246) is a tyrosine kinase receptor that plays an important role in the development of the brain and nervous systems. Deficiencies in ALK, which most commonly as a fusion with other genes, are indicated in cancers.

Immunogen: A synthetic peptide from the internal region of ALK which includes the mutation of R1275Q, human origin.

Tested applications: ELISA, WB, IHC

Recommended dilutions:

ELISA: 1:1000-1:5000

WB: 1:100-1:1000

IHC: 1:50-1:100

Concentration: 0.5 mg/ml

Host: Mouse

Clonality: Monoclonal

Purity: Purified from ascites

Format: Liquid

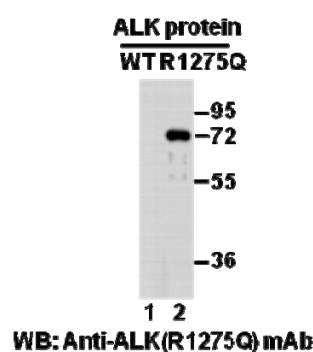
Preservative: no

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Recognizes ALK (R1275Q), but not wild type ALK protein from vertebrates.

Storage Conditions: Store at $-20^{\circ}C$. Avoid freeze / thaw cycles.

Western blot:



Western blot analysis of recombinant ALK (R1275Q) and wildtype proteins. Purified His-tagged ALK (R1275Q) protein (amino acids 1060-1620, lane 2) and corresponding wild type protein (lane 1) were blotted with anti-ALK (R1275Q) mouse monoclonal antibody (Cat. #26151).