

ALK(R1275Q)**ALK(R1275Q)****Cat. #:** 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.

Applications: ELISA, WB, IHC**Recommended Dilutions:**

ELISA: 1:1000–1:5000

WB: 1:100–1:1000

IHC: 1:50–1:100

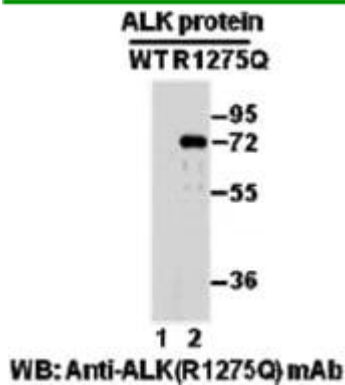
Concentration: 0.5 mg/ml**Host Species:** Mouse**Format:** Liquid**Clonality:** Monoclonal**Isotype:** IgG**Purity:** Purified from ascites**Preservative:** No

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 repeated freezing and thawing

Western blot:



Western blot analysis of recombinant ALK(R1275Q) and wild type 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).