

## Product Description

### ALK(D1225N)

**Number:** 26290

**Gene Symbol:** ALK, CD246, NBLST3

**Description:** Anti-ALK(D1225N) 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 D1225N, human origin.

**Tested Applications:** ELISA, WB

**Recommended Dilutions:**

ELISA: 1:1000-1:5000

WB: 1:500-1:1000

**Concentration:** 1 mg/ml

**Host:** Mouse

**Clonality:** Monoclonal

**Isotype:** IgG

**Purity:** Purified from ascites

**Format:** Liquid

**Preservative:** No

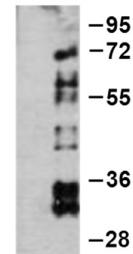
**Constituents:** PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Recognizes D1225N mutant, but not wild type ALK of vertebrates.

**Storage Conditions:** Store at  $-20^{\circ}C$ . Avoid repeated freezing and thawing

**Western blot:**

ALK protein  
WT D1225N



1 2  
WB: Anti-ALK (D1225N) mAb

**Western blot analysis of recombinant ALK (D1225N) and wild type proteins.**

Purified His-tagged ALK (D1225N) protein (1060-1620aa, 68KD, lane 2) and corresponding wildtype protein (lane 1) was blotted with anti-ALK (D1225N) monoclonal antibody (Cat. # 26290).

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