

## ALK(C1156Y)

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**Cat. #:** 26226

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

**Description:** Anti-ALK(C1156Y) 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 C1156Y, human origin.

**Applications:** ELISA, WB, IF, IHC

**Recommended Dilutions:**

ELISA: 1:1000–1:5000

WB: 1:500–1:2000

IF: 1:50–1:100

IHC: 1:50–1:100

**Concentration:** 1 mg/ml

**Host Species:** Mouse

**Format:** Liquid

**Clonality:** Monoclonal

**Isotype:**

**Purity:** Purified from ascites

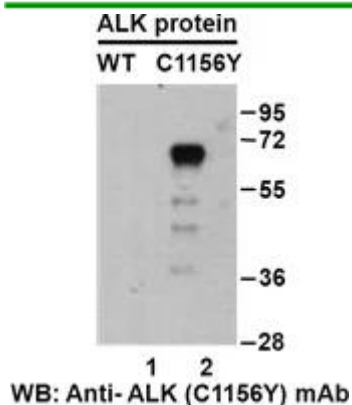
**Preservative:** No

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Recognizes C1156Y mutant, but not wild type ALK of vertebrates.

**Storage Conditions:** Store at -20°C. Avoid repeated freezing and thawing

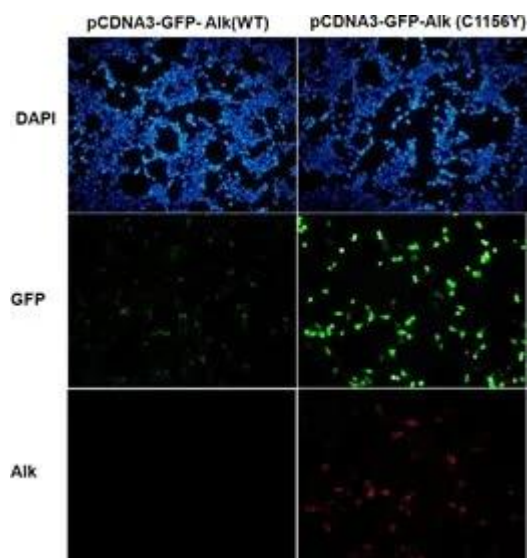
### Western blot:



### Western blot analysis of recombinant ALK(C1156Y) and wild type proteins.

Purified His-tagged ALK(C1156Y) protein (lane 2) and corresponding wild type protein (lane 1) were blotted with Anti-ALK(C1156Y) monoclonal antibody (Cat. #26226).

### Immunofluorescence:



### Immunofluorescence of cells expressing ALK proteins with Anti-ALK(C1156Y) antibody.

HEK293T cells were transfected with pCDNA3-GFP-ALK (WT) plasmid (left column) or pCDNA3-GFP-ALK(C1156Y) plasmid (right column), then fixed and stained with Anti-ALK(C1156Y) monoclonal antibody (Cat. #26226).