

ALK (C1156Y)

Catalog Number: 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.

Tested applications: ELISA, WB, IHC

Recommended dilutions:

ELISA: 1:1000-1:5000

WB: 1:500-1:2000

IHC: 1:50-1:100

Concentration: 1 mg/ml

Host: Mouse

Clonality: Monoclonal

Purity: Purified from ascites

Format: Liquid

Storage buffer:

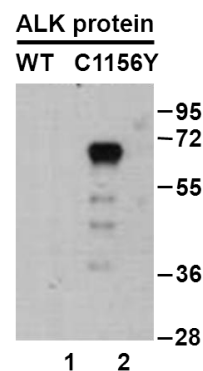
Preservative: no

Constituents: PBS (without Mg²⁺ and Ca²⁺), 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 freeze / thaw cycles.

Western blot:

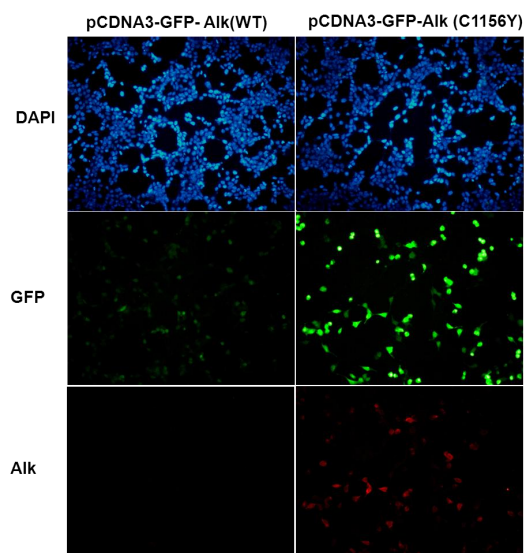


WB: Anti-ALK (C1156Y) mAb

Western blot analysis of recombinant ALK (C1156Y) and wildtype proteins. Purified His-tagged ALK (C1156Y) protein (lane 2) and corresponding wildtype protein (lane 1) were blotted with anti-ALK (C1156Y) monoclonal antibody (Cat. #26226).

For research use only. Not for diagnostic or therapeutic applications.

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).

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