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

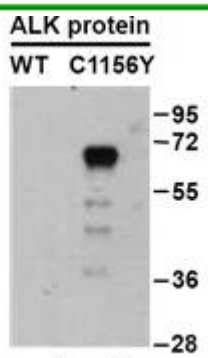
Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

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:

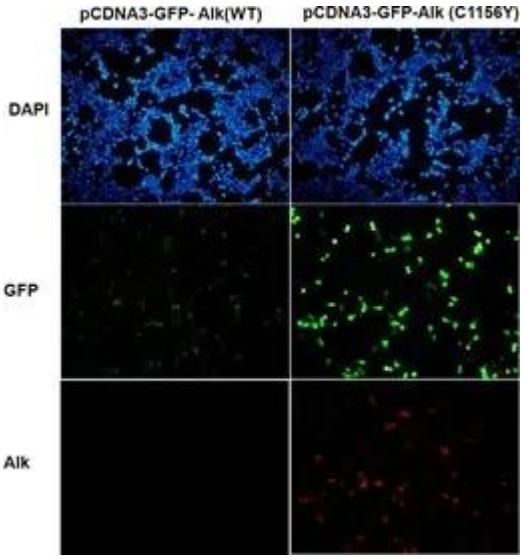
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WB: Anti- ALK (C1156Y) mAb

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).

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