

ALK Monoclonal Antibody

Catalog No. E-AB-27016

Note: Centrifuge before opening to ensure complete recovery of vial contents.

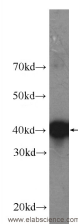
Description

Reactivity	Human
Immunogen	Fusion protein of ALK/CD246
Host	Mouse
Isotype	IgG2a
Clone	Clone:66
Purification	Protein A purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, PH7.3

Applications Recommended Dilution

WB 1:500-1:5000,
IHC 1:20-1:200

Data



Western Blot analysis of Recombinant protein using
ALK Monoclonal Antibody at dilution of 1:1000
Calculated Mw:1620aa, 176kDa

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

ALK, also named as CD246, is a receptor tyrosine kinase (RTK) that belongs to the protein kinase superfamily. ALK is usually found in the nervous system and appears to play an important role in the normal development and function of the nervous system. ALK was originally identified as part of the NPM (Nucleophosmin)-ALK oncogenic fusion protein, resulting from the (2;5)(p23;q35) translocation that is frequently associated with anaplastic large-cell lymphoma (ALCL). The EML4 (echinoderm microtubule-associated protein-like 4)-ALK fusion protein have been described in non-small-cell lung cancer (NSCLC), this transforming fusion kinase is a promising candidate for a therapeutic target as well as for a diagnostic molecular marker in NSCLC.

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