

Recombinant

ALK (BP6165) Rabbit mAb

db30145

Package : 100μL

Product Name : ALK (BP6165) Rabbit mAb**Cat.No.:** db30145**Synonyms** : ALK1; CD246; NBLST3**Application** : IHC**Reactivity** : Human**Host species** : Rabbit**Background**

Anaplastic lymphoma kinase (ALK) is a receptor tyrosine kinase of the insulin receptor superfamily. ALK is typically expressed at low levels in regions of the developing central and peripheral nervous system. ALK may be activated in cancer through multiple mechanisms. The most common mechanism is through formation of a fusion protein from chromosomal translocations, as in the case of anaplastic large cell lymphoma (ALCL) and inflammatory myofibroblastic tumors. ALK may also be amplified through mutation, as in neuroblastomas. Various solid tumors, such as non-small cell lung carcinoma (NSCLC) and brain cancers were also found to aberrantly express ALK.

Immunogen

Recombinant protein of Human ALK was used as an immunogen

Gene ID

238

Swiss Prot

Q9UM73

Synonyms

ALK1; CD246; NBLST3

Reactivity

Human

Application

IHC

Recommended dilution

IHC: 1:100-1:200

Calculated MW

177 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

BP6165

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

- Immunohistochemistry of paraffin-embedded human anaplastic large cell lymphoma using ALK antibody at dilution of 1:200 (200x lens).