

EML4 ALK

EML4 ALK Antibody

货号: 26242

基因符号: EML4-ALK

描述: EML4 ALK 小鼠单克隆抗体

背景: EML4-ALK is a fusion-type protein kinase that can be found in many tumors, such as anaplastic large cell lymphoma, inflammatory myofibroblastic tumor, neuroblastoma and NSCLC, and so on. It is generated as a result of a small inversion within the short arm of human chromosome 2. EML4-ALK protein often promotes and maintains the malignant behavior of the cancer cells by activating the MAPK, PI3K/AKT and JAK/STAT3 pathways.

免疫原: A synthetic peptide from the internal region of EML4-ALK of human origin.

经过测试的应用: ELISA, WB, IHC

推荐稀释度:

ELISA: 1:1000-1:2000

WB: 1:500-1:1000

IHC: 1:50-1:100

浓度: 1 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型:

纯化: Purified from ascites

Preservative: No

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

种属反应性: Recognizes T41A mutant, but not wild type EML4-ALK of vertebrates.

储存条件: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing

Western blot:



Western blot analysis of recombinant EML4-ALK and wild type proteins. Purified

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His-tagged EML4-ALK protein (lane 3), corresponding wild type EML4 protein (lane1) and wild type ALK protein (lane2) were blotted with EML4 ALK monoclonal antibody (货号26242).

Immunofluorescence:



Immunofluorescence of cells expressing EML4-ALK proteins with EML4 ALK antibody. HEK293T cells were transfected with pCDNA3-GFP-EML4 (WT) plasmid (left column) or pCDNA3-GFP-ALK (WT) plasmid (middle column) or pCDNA3-GFP-EML4-ALK plasmid (right column), then fixed and stained with EML4 ALK monoclonal antibody (货号26242).