

STK11 MAB**STK11 Antibody**

货号: 26158

规格: 100 µL

基因符号: STK11, LKB1, PJS, hLKB1

描述: STK11 小鼠单克隆抗体

背景: Serine/threonine kinase 11 (STK11) also known as liver kinase B1 (LKB1) or renal carcinoma antigen NY-REN-19 is a kinase that controls the activity of AMP-activated protein kinase (AMPK) family members, thereby playing a role in various processes such as cell metabolism, cell polarity, apoptosis and DNA damage response, and functions as a tumour suppressor. Recent studies have uncovered a large number of somatic mutations of the STK11 gene that are present in lung, cervical, breast, intestinal, testicular, pancreatic and skin cancer.

免疫原: A synthetic peptide from the internal region of STK, which includes the mutation of P281L, human origin.

经过测试的应用: ELISA, WB, IHC

推荐稀释度:

ELISA: 1:1000-1:5000

WB: 1:100-1:1000

IHC: 1:50-1:200

浓度: 0.5 mg/ml

种属反应性: Mouse

形式: Liquid

克隆性: Monoclonal

亚型: IgG

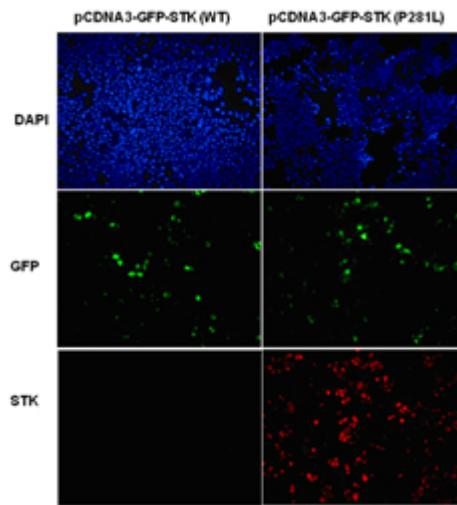
纯化: Purified from ascites

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 P281L mutated, but not wild type STK11 of vertebrates.

储存条件: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence:

Immunofluorescence of cells expressing STK11 proteins with STK11 (P281L) antibody. HEK293T cells were transfected with pCDNA3-GFP-STK11 (WT) plasmid (left column) or pCDNA3-GFP-STK11 (P281L) plasmid (right column), then fixed and stained with STK11 (P281L) monoclonal antibody (货号26158).