

SMAD4 MAB

SMAD4 Monoclonal Antibody

货号: 26453

基因符号: SMAD4, DPC4, JIP, MADH4, MYHRS

描述: SMAD4 小鼠单克隆抗体

背景: SMAD4 family member 4, also known as SMAD4, is a protein that in human is encoded by the SMAD4 gene. It is often found mutated in many cancers. It acts as a tumor suppressor that functions in the regulation of the TGF- β signal transduction pathway, which negatively regulates growth of epithelial cells and the extracellular matrix (ECM). SMAD4 alterations have been found in multiploid colorectal cancer and pancreatic carcinoma. It is found inactivated in at least 50% of pancreatic cancers. It is also found mutated in the autosomal dominant disease juvenile polyposis syndrome (JPS).

免疫原: Purified SMAD4 protein, 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: IgG

纯化:: Purified from ascites

Preservative: No

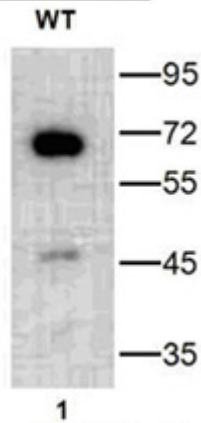
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Recognizes SMAD4 of vertebrates.

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

Western blot:

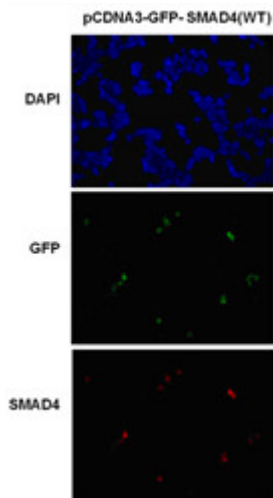
SMAD4 protein



WB: anti-SMAD4 mAb

Western blot analysis of recombinant SMAD4 protein. Purified His-tagged SMAD4 protein (1-552aa, 65kd) and was blotted with SMAD4 monoclonal antibody (货号26453).

Immunofluorescence:



Immunofluorescence of cells expressing SMAD4 proteins with anti SMAD4 antibody. HEK293T cells were transfected with pCDNA3-GFP-SMAD4 (WT) plasmid, then fixed and stained with anti SMAD4 monoclonal antibody (货号26453).