

SMAD5 (4B10) MOUSE MAB

货号: N261030

产品全名: Smad5 (4B10) 小鼠单抗

基因符号 DKFZp781C1895; DKFZp781O1323; Dwfc; hSmad 5; hSmad5; JV5 1; JV5-1; MAD homolog 5; MAD mothers against decapentaplegic homolog 5; MAD; mothers against decapentaplegic homolog 5; MADH 5; MADH5; Mothers against decapentaplegic homolog 5; Mothers against DPP homolog 5; MusMLP; SMA and MAD related protein 5; SMAD 5; SMAD family member 5; SMAD mothers against DPP homolog 5; Smad5; Smad5; SMAD5_HUMAN.

UNIPROT ID: Q99717

背景: Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. Smad5 is a receptor-regulated Smad (R-Smad). Smad5 is required for normal development of the cardiovascular system in vivo; lack of the Smad5 gene results in apoptosis of cardiac myocytes. 3 Upregulation of Smad5 has been reported to mediate apoptosis of gastric epithelial cells induced by Helicobacter pylori infection. Tissue specificity: Ubiquitous.

抗原: Purified recombinant human SMAD5 (C-terminus) protein fragments expressed in E.coli.

经过测试的应用: WB, ICC/IF, FC

推荐稀释比: WB: 1/500-1/1000 IF: 1/50-1/200 FC: 1/50-1/100

种属反应性: Mouse

克隆性: Mouse Monoclonal

克隆编号: 4B10-B10-B6

分子量: Calculated MW: 52 kDa; Observed MW: 60 kDa

亚型: IgG1

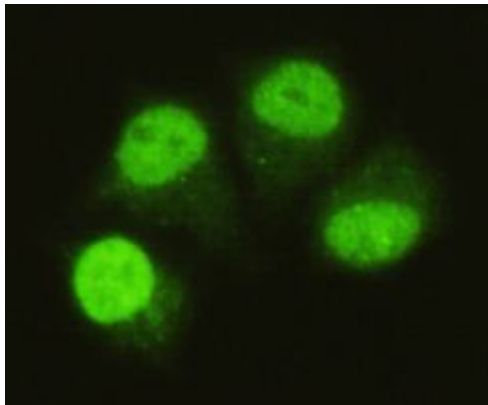
纯化: Affinity Purified

种属反应性: Human

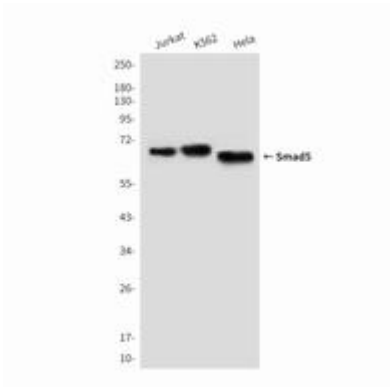
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

研究领域: Signal Transduction

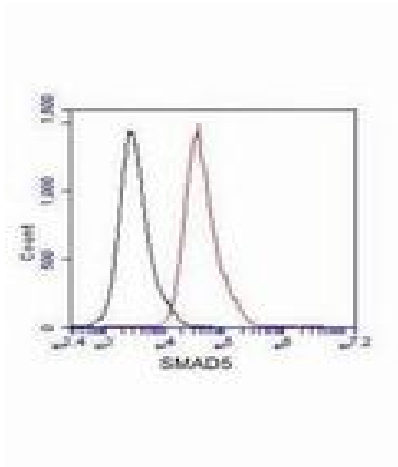
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Smad5 in HeLa cells using Smad5 antibody.



Western blot analysis of SMAD5 (Cterminus) in HeLa, Jurkat and K562 lysates using SMAD5 (Cterminus) antibody.



Flow Cytometry analysis of Jurkat cells stained with SMAD5 (red). Black line histogram represents the isotype control, normal mouse IgG.