

RAS-GTP

RasGTP 小鼠单克隆抗体

货号: 26909

规格: 30 μ L

基因符号: RAS

描述: Ras-GTP 小鼠单克隆抗体

背景: Small GTPases are a super-family of cellular signaling regulators. Ras belongs to the Ras sub-family of GTPases that regulate cell proliferation, cell motility, and gene transcription. GTP binding increases the activity of Ras, and the hydrolysis of GTP to GDP renders it inactive. GTP hydrolysis is aided by GTPase activating proteins (GAPs), while exchange of GDP for GTP is facilitated by guanine nucleotide exchange factors (GEFs).

免疫原: Recombinant full length protein of active H-Ras

经过测试的应用: IP, IHC and IF (**Not applicable for SDS since WB denatures Ras GTPase**)

推荐稀释度:

IP: 1 μ g for 1~2 mg total cellular proteins

IHC, IF: 1:50~1:250

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

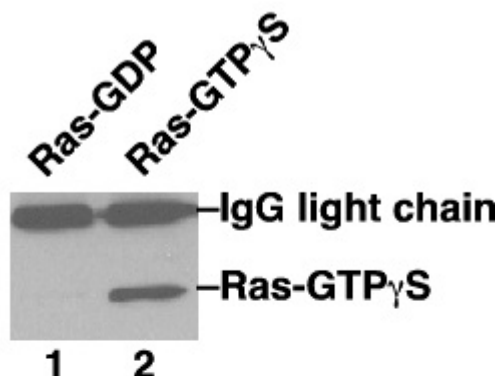
成分: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

种属反应性: Ras-GTP monoclonal antibody recognizes active H-Ras, N-Ras, and K-Ras from vertebrates.

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

Immunoprecipitation/Western blot:

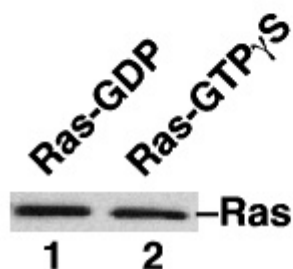
A. IP/WB



IP: anti-active Ras mAb

WB: anti-Ras mAb

B. Input



WB: anti-Ras mAb

IP/WB Analysis of Active Ras Protein.

Purified recombinant Ras proteins were loaded with GDP (lane 1) or GTP γ S (lane 2). These proteins were immunoprecipitated with Ras-GTP monoclonal antibody (货号 26909). After SDS/PAGE, the membrane filter was probed with Ras mouse monoclonal antibody (货号 26014).