

## RAC-GTP

产品名称: Rac1-GTP 小鼠单抗

货号: 货号:: 26903

货号: 30  $\mu$ L

基因符号: **RAC1**

描述: Anti-Rac1-GTP 单抗

背景: Small GTPases are a super-family of cellular signaling regulators. Rac belongs to the Rho sub-family of GTPases that regulate cell motility, cell division, and gene transcription. GTP binding increases the activity of Rac, 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).

**Immunogen:** Recombinant full length protein of active Rac1

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

推荐稀释比: IP: 1  $\mu$ g for 1~2 mg total cellular proteins IHC, IF: 1:50~1:250

**Concentration: 1 mg/ml**

种属反应性: **Mouse**

形式: **Liquid**

克隆性 ☒ **Monoclonal**

亚型: **IgM**

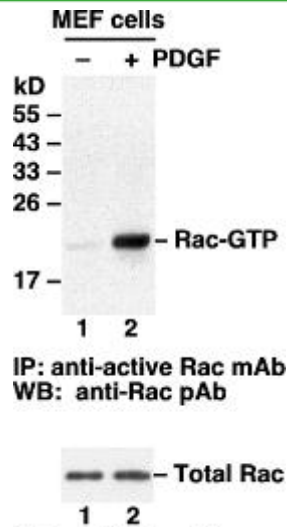
纯化: **Purified from ascites**

**Preservative: no**

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

种属反应性: **Anti-Rac1-GTP monoclonal antibody recognizes active Rac1 from vertebrates.**

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



免疫沉淀/蛋白质印迹: WB: anti-Rac pAb      Immunofluorescence for the active Rac using Anti-Rac1-GTP 小鼠单抗 [26903] shows Rac-GTP immunolabeling (green) in combination with cofilin (red) on brain tissue sections. The tissue sections were fixed with -20 °C methanol or 4% paraformaldehyde (fixation time 1 hr) and stained with antibody at 1:1000 in 0.1M Phosphate buffer with 0.3% Triton X, and 4% BSA for 24h at room temperature. Secondary antibodies were anti-mouse AlexaFluor488 and anti-rabbit AlexaFluor594 at 1:1000.