

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

GA₁₃-GTP

Gα₁₃GTP 小鼠单克隆抗体

货号: 26902 规格: 30 μL

基因符号: Gnal3

描述: Gα₁₃-GTP 小鼠单克隆抗体

背景: Heterotrimeric G proteins are essential cellular signal transducers. $G\alpha_{13}$ is one of the G proteins that could mediate cell migration and angiogenesis. Other biochemical and physiological functions of $G\alpha_{13}$ are being explored.

免疫原: Recombinant full length active Gα₁₃ protein

经过测试的应用: IP, IHC and IF (Not applicable for WB since SDS

denatures Ga₁₃ GTPase)

引用文献的应用: IF, IHC and IP - Click for Details

推荐稀释度:

IP: 1 µg 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

克降性: Monoclonal

亚型: IgG2b

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: active $G\alpha_{13}$ monoclonal antibody recognizes active $G\alpha_{13}$ of vertebrates.

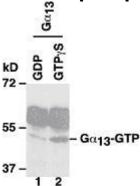
储存条件:: Store at -20°C. Avoid repeated freezing and thawing



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Immunoprecipitation/Western blot:

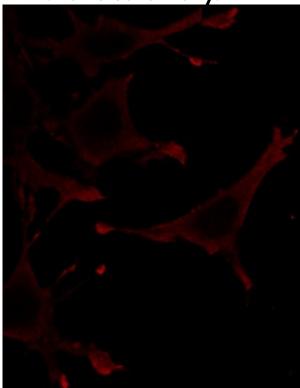


IP: anti-active Ga13 mAb

WB: anti-G α_{13} mAb IP/WB analysis of active $G\alpha_{13}$ proteins.

Purified $G\alpha_{13}$ proteins were treated with GDP (lane 1) or GTPGTP γ S (lane 2). After immunoprecipitation with active $G\alpha_{13}$ -GTP mouse monoclonal antibody (货号 26902), these proteins were separated by SDS/PAGE and western blotted with $G\alpha_{13}$ mouse monoclonal antibody (货号 26004).

Immunohistochemistry:



Staining of MEF cells (treated with PDGF)

with $G\alpha_{13}$ -GTP monoclonal antibody showing the localization of $G\alpha_{13}$ -GTP in the leading edge of migrating cells.