

Active G α_{13}

Catalog Number: 26902

Gene Symbol: Gna13

Description: Anti-Active G α_{13} -GTP Mouse Monoclonal Antibody

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

Immunogen: Recombinant full length active G α_{13} protein

Tested applications: IP, IHC

Recommended dilutions:

1 μ g for 1~2 mg total cellular proteins

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: IgG1, IgG2b

Purity : Purified from ascites

Format: Liquid

Storage buffer:

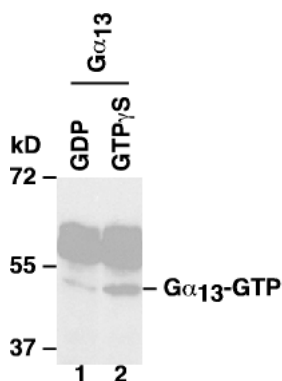
Preservative: no

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

Species Reactivity: Anti-active G α_{13} monoclonal antibody recognizes active G α_{13} of vertebrates.

Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles

Immunoprecipitation/Western blot:



IP: anti-active G α_{13} mAb

WB: anti-G α_{13} mAb

IP/WB analysis of active G α_{13} proteins. Purified G α_{13} proteins were treated with GDP (lane 1) or GTP γ S (lane 2). After immunoprecipitation with anti-active G α_{13} -GTP mouse monoclonal antibody (Cat. # 26902), these proteins were separated by SDS/PAGE and western blotted with anti- G α_{13} mouse monoclonal antibody (Cat. # 26004).