

GA₁₃-GTP

Anti-Gα₁₃GTP Mouse Monoclonal Antibody

Cat. #: 26902

Size: 30 μL

Gene Symbol: Gna13

Description: Anti-Gα₁₃-GTP Mouse Monoclonal Antibody

Background: Heterotrimeric G proteins are essential cellular signal transducers. Gα₁₃ is one of the G proteins that could mediate cell migration and angiogenesis. Other biochemical and physiological functions of Gα₁₃ are being explored.

Immunogen: Recombinant full length active Gα₁₃ protein

Applications: IP, IHC and IF (**Not applicable for WB since SDS denatures Gα₁₃ GTPase**)

Published Applications: [IF, IHC and IP - Click for Details](#)

Recommended Dilutions:

IP: 1 μg for 1~2 mg total cellular proteins

IHC, IF: 1:50-1:250

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG2b

Purity: Purified from ascites

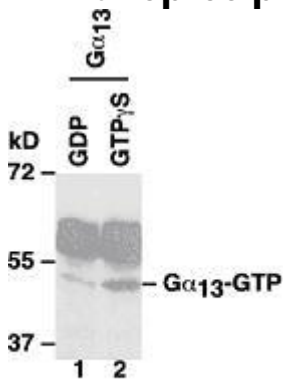
Preservative: No

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

Species Reactivity: Anti-active Gα₁₃ monoclonal antibody recognizes active Gα₁₃ of vertebrates.

Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing

Immunoprecipitation/Western blot:



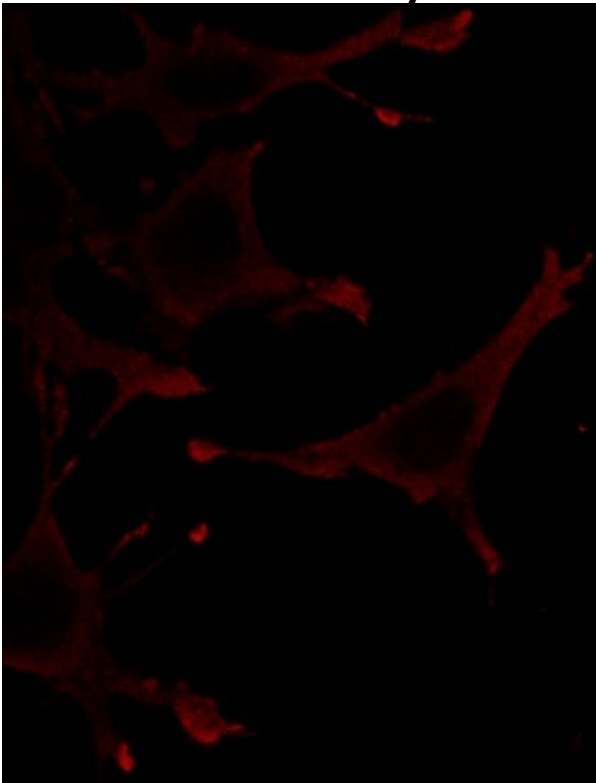
IP: anti-active $G\alpha_{13}$ mAb

WB: anti- $G\alpha_{13}$ 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 anti-active $G\alpha_{13}$ -GTP mouse monoclonal antibody (Cat. # 26902), these proteins were separated by SDS/PAGE and western blotted with anti- $G\alpha_{13}$ mouse monoclonal antibody (Cat. # 26004).

Immunohistochemistry:



Staining of MEF cells (treated with PDGF) with anti- $G\alpha_{13}$ -GTP monoclonal antibody showing the localization of $G\alpha_{13}$ -GTP in the leading edge of migrating cells.