

GA₂-GTP

Anti-Gα₂GTP Mouse Monoclonal Antibody

Cat. #: 26908

Size: 30 µL

Gene Symbol: Gnaz

Description: Anti-Gα₂-GTP Mouse Monoclonal Antibody

Background: Heterotrimeric G proteins are critical cellular signal transducers. Gα₂ represents one sub-family of G proteins that could mediate the inhibition of adenylyl cyclases. Other biochemical and physiological functions of Gα₂ proteins are being explored.

Immunogen: Recombinant full length protein of active Gα₂

Applications: IP, IHC and IF (**Not applicable for WB since WB denatures Gα₂ GTPase**)

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: IgG

Purity: Purified from ascites

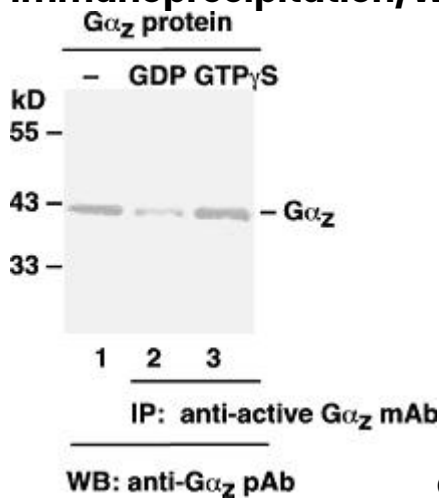
Preservative: No

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

Species Reactivity: Anti-Gα₂-GTP monoclonal antibody recognizes active Gα₂ of vertebrates.

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

Immunoprecipitation/Western blot:



Gα_z activation assay.

Purified Gα_z proteins were loaded as a control (lanes 1) or immunoprecipitated after treated with GDP (lane 2) or GTP_γS (lane 3). Immunoprecipitation was done with the anti-Gα_z-GTP monoclonal antibody (Cat. No. 26908). Immunoblot was with an anti-Gα_z polyclonal antibody.