

Active $G\alpha_z$

Catalog Number: 26908

Gene Symbol: Gnaz

Description: Anti-Active $G\alpha_z$ Mouse Monoclonal Antibody

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

Immunogen: Recombinant full length protein of active $G\alpha_z$

Tested applications: IP, IHC

Recommended dilutions:

1 μ g for 1~2 mg total cellular proteins for IP;

1:100 dilution for IHC

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Format: Liquid

Storage buffer:

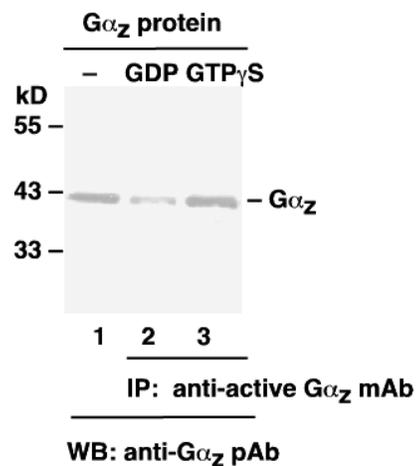
Preservative: no

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

Species Reactivity: Anti-active $G\alpha_z$ antibody recognizes active $G\alpha_z$ of vertebrates.

Storage Conditions: Store at $-20^{\circ}C$. Avoid freeze / thaw cycles

Immunoprecipitation/Western blot



$G\alpha_z$ activation assay. Purified $G\alpha_z$ proteins were loaded as a control (lanes 1) or immunoprecipitated after treated with GDP (lane 2) or GTP γ S (lane 3). Immunoprecipitation was done with the anti-active $G\alpha_z$ monoclonal antibody (Cat. No. 26908). Immunoblot was with an anti- $G\alpha_z$ polyclonal antibody.