

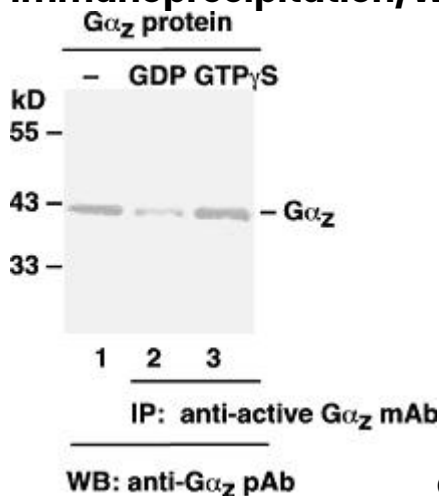
**GA<sub>z</sub>-GTP****Anti-GA<sub>z</sub>GTP Mouse Monoclonal Antibody****Cat. #:** 26908**Size:** 30 µL**Gene Symbol:** Gnaz**Description:** Anti-GA<sub>z</sub>-GTP Mouse Monoclonal Antibody**Background:** Heterotrimeric G proteins are critical cellular signal transducers. Gα<sub>z</sub> represents one sub-family of G proteins that could mediate the inhibition of adenylyl cyclases. Other biochemical and physiological functions of Gα<sub>z</sub> proteins are being explored.**Immunogen:** Recombinant full length protein of active Gα<sub>z</sub>**Applications:** IP, IHC and IF (**Not applicable for WB since WB denatures Gα<sub>z</sub> 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 Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 50% glycerol**Species Reactivity:** Anti-Gα<sub>z</sub>-GTP monoclonal antibody recognizes active Gα<sub>z</sub> of vertebrates.**Storage Conditions:** Store at -20°C. Avoid repeated freezing and thawing

## Immunoprecipitation/Western blot:



### Gα<sub>z</sub> activation assay.

Purified Gα<sub>z</sub> proteins were loaded as a control (lanes 1) or immunoprecipitated after treated with GDP (lane 2) or GTP<sub>γ</sub>S (lane 3). Immunoprecipitation was done with the anti-Gα<sub>z</sub>-GTP monoclonal antibody (Cat. No. 26908). Immunoblot was with an anti-Gα<sub>z</sub> polyclonal antibody.