

## GA<sub>o</sub>-GTP

### Anti GA<sub>o</sub>-GTP Mouse Monoclonal Antibody

**Cat. #:** 26907

**Size:** 30 µL

**Gene Symbol:** Gnao

**Description:** Anti GA<sub>o</sub>-GTP Mouse Monoclonal Antibody

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

**Immunogen:** Recombinant full length protein of active GA<sub>o</sub>

**Applications:** IP, IHC and IF (**Not applicable for WB since SDS denatures GA<sub>o</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:** IgG1

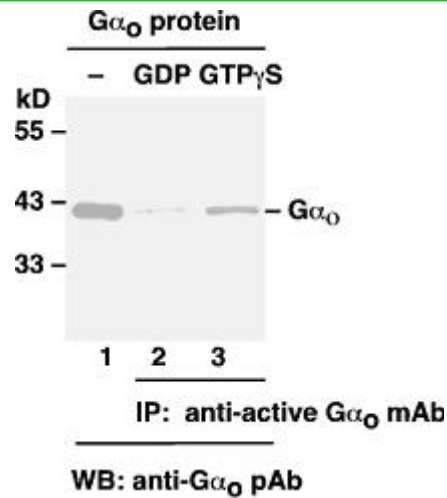
**Purity:** Purified from ascites

**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-active GA<sub>o</sub> antibody recognizes active GA<sub>o</sub> of vertebrates.

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



**Immunoprecipitation/Western blot:  
G $\alpha_o$  Activation Assay.**

Purified G $\alpha_o$  proteins were loaded as a control (lanes 1) or immunoprecipitated after treated with GDP (lane 2) or GTP $\gamma$ S (lane 3). Immunoprecipitation was done with the anti-active G $\alpha_o$  monoclonal antibody (Cat. No. 26907). Immunoblot was with an anti-G $\alpha_o$  polyclonal antibody (Cat. No. 21015).