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Active Gα_s

Catalog Number: 26906 **Gene Symbol:** Gnas **Description:** Anti-Active Gα_s Mouse Monoclonal Antibody

Background: Heterotrimeric G proteins are critical cellular signal transducers. $G\alpha_s$ represents one sub-family of G proteins that could mediate the stimulation of adenylyl cyclases. Immunogen: Recombinant full length protein of kD active $G\alpha_s$ 70 -Tested applications: IP, IHC 55 **Recommended dilutions:** 1 µg for 1~2 mg total cellular proteins 43 Concentration: 1 mg/ml Host: mouse 33 -Clonality: Monoclonal Isotype: IgG Purity: Purified from ascites Format: Liquid Storage buffer: Preservative: no Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol **Species Reactivity:** Anti-active $G\alpha_s$ antibody recognizes active $G\alpha_s$ of vertebrates. Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles

Immunoprecipitation/Western blot



 $G\alpha_s$ activation assay. Purified $G\alpha_s$ 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 $G\alpha_s$ monoclonal antibody (Cat. No. 26906). Immunoblot was with an anti- $G\alpha_s$ monoclonal antibody (Cat. No. 26006).