

G α_i **Catalog Number:** 26003**Gene Symbol:** Gnai**Description:** Anti-G α_i Mouse Monoclonal Antibody

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

Immunogen: Recombinant full length protein of G α_{i1}

Tested applications: ELISA, WB, IHC

Recommended dilutions:

ELISA 1:1000-1:5000,

WB 1:1000-1:2000,

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Format: Liquid

Storage buffer:

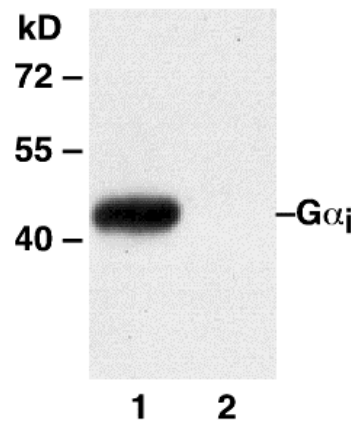
Preservative: no

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

Species Reactivity: G α_i antibody recognizes

G α_{i1} , G α_{i2} , and G α_{i3} of vertebrates.

Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles

Western blot:

Western blot analysis of G α_i proteins. G α_{i1} plasmid DNA was transiently transfected into HEK-293 cells. Whole-cell lysate was used for western blots. The monoclonal anti- G α_i antibody was pre-incubated without (lane 1) or with (lane 2) the antigen protein (G α_{i1}) to show the specificity.

For research use only. Not for diagnostic or therapeutic applications.