

$G\alpha_z$

Catalog Number: 26011

Gene Symbol: GNAZ

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

Background: Heterotrimeric G proteins are critical cellular signal transducers. $G\alpha_z$ belongs to the G_i 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 $G\alpha_z$.

Tested applications: ELISA, WB, IHC

Recommended dilutions:

ELISA 1:100-1:5000

WB 1:100-1:2000

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Format: Liquid

Storage buffer:

Preservative: no

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

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

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

Western blot:



WB: anti- $G\alpha_z$ mAb

Western blot analysis of $G\alpha_z$ proteins. HEK-293 whole-cell lysate was used for western blots.

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