

## $G\alpha_z$

**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.