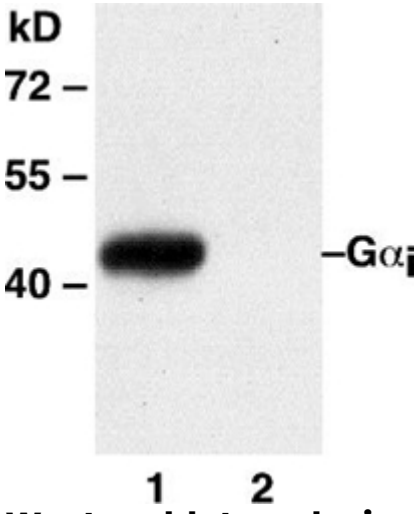
GAI MAB

$G\alpha_i$ Monoclonal Antibody

Cat. #: 26003
Gene Symbol: Gnai
Description: Anti-$G\alpha_i$ Mouse Monoclonal Antibody
Background: Heterotrimeric G proteins are critical cellular signal transducers. Gai represents one sub-family of G proteins that could mediate the inhibition of adenylyl cyclases. Other biochemical and physiological functions of Gai proteins are being explored.
Immunogen: Recombinant full length protein of $G\alpha_{i1}$
Applications: ELISA, WB, IHC
Recommended Dilutions: ELISA 1:1000-1:5000,WB 1:1000-1:2000,IHC 1:100-1:200
Concentration: 1 mg/ml
Host Species: Mouse
Format: Liquid
Clonality: Monoclonal
Isotype: IgG
Purity: Purified from ascites
Preservative: No
Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol
Species Reactivity: $G\alpha_i$ antibody recognizes $G\alpha_{i1}$, $G\alpha_{i2}$, and $G\alpha_{i3}$ of vertebrates
Storage Conditions: Store at -20°C. Avoid repeated freezing and thawing

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Western blot:



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

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