

Anti-GNG4 Antibody Picoband® (monoclonal, 7B6) Cy3 Conjugated

Catalog Number: M13925-Cy3

About GNG4

Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-4 is a protein that in humans is encoded by the GNG4 gene. This gene encodes the gamma subunit of the heterotrimeric G-proteins that are comprised of alpha, beta and gamma subunits. Upon activation by G protein-coupled receptors, the beta-gamma heterodimer dissociates from the alpha subunit to activate downstream signaling events. Alternate splicing results in multiple transcript variants.

Overview

Product Name	Anti-GNG4 Antibody Picoband® (monoclonal, 7B6) Cy3 Conjugated
Reactive Species	Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Monoclonal 7B6
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	P50150

Technical Details

Immunogen	E.coli-derived human GNG4 recombinant protein (Position: M1-D52).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG1
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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