

Anti-His Tag Antibody Picoband® (monoclonal, 19b10) Fluoro550 Conjugated

Catalog Number: M30975-1-Fluoro550

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-His Tag Antibody Picoband® (monoclonal, 19b10) Fluoro550 Conjugated
Reactive Species	All species
Application	Recommended applications are based on the parent unconjugated antibody (WB). Customers may select suitable applications according to their experimental needs.
Clonality	Monoclonal 19b10
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN 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	A synthetic peptide corresponding to a sequence of His Tag.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

4 Publications Citing This Product

1. PubMed ID: 10.1007/s11033-008-9341-1, Molecular structure of the largemouth bass (*Micropterus salmoides*) Myf5 gene and its effect on skeletal muscle growth
2. PubMed ID: 30637608, Li L, Yu X, Zhang H, Cheng H, Hou L, Zheng Q, Hou J. In vitro antiviral activity of Griffithsin against porcine epidemic diarrhea virus. *Virus Genes*. 2019 Apr;55(2):174-181. doi:10.1007/s11262-019-01633-7. Epub 2019 Jan 14. PMID:30637608; PMCID:PMC7089098.
3. PubMed ID: 34082810, Wang J, Li Y, Pan L, Li J, Yu Y, Liu B, Zubair M, Wei Y, Pillay B, Olaniran AO, Chiliza TE, Shao G, Feng Z, Xiong Q. Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) moonlights as an adhesin in *Mycoplasma hyorhinis* adhesion to epithelial cells as well as a plasminogen receptor mediating extracellular matrix degradation. *Vet Res*. 2021 Jun 3;52(1):80. doi:10.1186/s13567-021-00952-8. PMID:34082810; PMCID:PMC8173509.

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