

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

Catalog Number: M30975-1-Biotin

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) Biotin Conjugated
Reactive Species	All species
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.
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	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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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