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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MYH14 Antibody Picoband® Cy3 Conjugated

Catalog Number: A04528-3-Cy3

About MYH14

Myosin-14 is a protein that in humans is encoded by the MYH14 gene. This gene encodes a member of the myosin superfamily. The protein represents a conventional non-muscle myosin; it should not be confused with the unconventional myosin-14 (MYO14). Myosins are actin-dependent motor proteins with diverse functions including regulation of cytokinesis, cell motility, and cell polarity. Mutations in this gene result in one form of autosomal dominant hearing impairment. Multiple transcript variants encoding different isoforms have been found for this gene.

Overview

Product Name	Anti-MYH14 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q7Z406

Technical Details

Immunogen	E.coli-derived human MYH14 recombinant protein (Position: M1-R1895). Human MYH14 shares 92.5% amino acid (aa) sequence identity with mouse MYH14.
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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Anti-MYH14 Antibody - Cy3

For Research Use Only. Not for use in diagnostic procedures.