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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-LDHA Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB10075-Fluoro594

About LDHA

Lactate dehydrogenase A, also known as LDHA, is an enzyme which in humans is encoded by the LDHA gene. The protein encoded by this gene catalyzes the conversion of L-lactate and NAD to pyruvate and NADH in the final step of anaerobic glycolysis. The protein is found predominantly in muscle tissue and belongs to the lactate dehydrogenase family. Mutations in this gene have been linked to exertional myoglobinuria. Multiple transcript variants encoding different isoforms have been found for this gene. The human genome contains several non-transcribed pseudogenes of this gene.

Overview

Product Name	Anti-LDHA Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (Flow Cytometry, IF, IHC, ICC, 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	P00338

Technical Details

Immunogen	E. coli-derived human LDHA recombinant protein (Position: A2-R106). Human LDHA shares 94.3% amino acid (aa) sequence identity with both mouse and rat LDHA.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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2 Publications Citing This Product

1. PubMed ID: 10.7150/ijms.47360, Lipopolysaccharide Affects the Proliferation and Glucose Metabolism of Cervical Cancer Cells Through the FRA1/MDM2/p53 Pathway

2. PubMed ID: -, Jiang X,Yuan J,Dou Y,Zeng D, Xiao S.Lipopolysaccharide Affects the Proliferation and Glucose Metabolism of Cervical Cancer Cells Through the FRA1/MDM2/p53 Pathway.Int J Med Sci 2021;18(4): 1030-1038.doi:10. 7150/ijms.47360.

Visit bosterbio.com/anti-ldha-trade-antibody-pb10075-boster.html to see all 2 publications.

Anti-LDHA Antibody - Fluoro594

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