

LDHB

Lactate Dehydrogenase B Recombinant
ENZ0766

Product Overview

Name LDHB

Description

Lactate Dehydrogenase B Recombinant

Immunogen

Anti-human LDHB mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human LDHB amino acids 1-334 purified from E. coli.

Synonyms

Lactate Dehydrogenase, LDH, Lactate Dehydrogenase B, LDHB.

Introduction

Lactate dehydrogenase (LDH) is an enzyme (EC1.1.1.27) present in a wide variety of organisms, including plants and animals. A tetrameric enzyme that catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD⁺. At high concentrations of pyruvate, the enzyme exhibits feedback inhibition and the rate of conversion of pyruvate to lactate is decreased. In vertebrates, genes for three different subunits (LDH-A, LDH-B and LDH-C) exist.

Physical Appearance

Sterile filtered colorless solution.

Formulation

1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.

Applications

LDHB antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results.

Type

Mouse Anti Human Monoclonal.

Clone

PAT14D7AT.

Ig Subclass

Mouse IgG 2a heavy chain and k light chain.

Purification Method

LDHB antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.

Storage Procedures

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Stability / Shelf Life

12 months at -20°C. 1 month at 4°C.

Precautions

LDHB is for research use only and not for use in diagnostic or therapeutic procedures.