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Datasheet for ABIN568280
anti-LDH5 antibody

Overview

Quantity:	10 mg
Target:	LDH5
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LDH5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA), Dot Blot (DB), Immunodiffusion (ID), Immunoprecipitation (IP), Radioimmunoassay (RIA)

Product Details

Immunogen:	L-Lactic dehydrogenase, LDH-5(M4) isoenzyme is isolated and purified from Human placenta. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Purification:	Ammonium Sulphate Precipitation and Ion Exchange Chromatography.

Target Details

Target:	LDH5
Abstract:	LDH5 Products
Background:	Lactate dehydrogenase is an enzyme present in a wide variety of organisms, including plants and animals. It catalyses the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD ⁺ . Isoforms of the enzyme include LDH 1 (4H) in the heart,

Target Details

LDH 2 (3H1M) in the reticuloendothelial system, LDH 3 (2H2M) in the lungs, LDH 4 (1H3M) in the kidneys and LDH 5 (4M) in the liver and striated muscle. The M and H subunits are encoded by two different genes. Synonyms: L-Lactic dehydrogenase LDH-5 Isozyme M4

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Reconstitution: Restore by adding 1.0 mL sterile distilled water.

Concentration: 10.0 mg/mL

Buffer: PBS, pH 7.2 without preservatives and foreign proteins

Preservative: Without preservative

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody lyophilized at 2-8 °C and reconstituted at 2-8 °C for one week or (in aliquots) at -20 °C for longer. If a slight precipitation occurs upon storage, this should be removed by centrifugation.