

**AP21333AF-N****Polyclonal Antibody to LDH2 H3M Isozyme - Azide Free****Alternate names:**

L-Lactic dehydrogenase LDH-2 Isozyme H3M

**Quantity:**

10 mg

**Concentration:**

10.0 mg/ml

**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<sup>+</sup>. Isoforms of the enzyme include LDH 1 (4H) in the heart, 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.

**Host / Isotype:**

Rabbit / IgG

**Immunogen:**

L-Lactic dehydrogenase, LDH-2(H3M) isoenzyme, is isolated and purified from Human erythrocytes.  
Freund's complete adjuvant is used in the first step of the immunization procedure

**Format:****State:** Lyophilized IgG fraction.**Purification:** Ammonium Sulphate Precipitation and Ion Exchange Chromatography**Buffer System:** PBS, pH 7.2 without preservatives and foreign proteins.**Applications:**

This product is intended for use in precipitating and non-precipitating antibody-binding assays such as e.g., ELISA and Western blotting and Immunofluorescence or Histochemical techniques (Up to 1/1,000).

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Specificity:**

The reagents were evaluated for potency, purity and specificity using most or all of the following techniques: Immunoelectrophoresis, Cross-Immunoelectrophoresis, single Radial Immunodiffusion (Ouchterlony), block titration, ELISA, Immunoblotting and Enzyme Inhibition.

Cross-reactivities against enzymes of other sources may occur but have not been determined.

**Species:** Human.

Other species not tested.

**Storage:**

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.

Shelf life: one year from despatch.