

LACTATE DEHYDROGENASE A RABBIT MAB

Cat.#: N262454

Product Name: Anti-Lactate Dehydrogenase A Rabbit Monoclonal Antibody

Synonyms: LDHA; LDH-M; LDH1; PIG19; GSD11; TRG5; Proliferation inducing gene 19

UNIPROT ID: P00338

Background: Lactate dehydrogenase (LDH) catalyzes the interconversion of pyruvate and NADH to lactate and NAD⁺. When the oxygen supply is too low for mitochondrial ATP production, this reaction recycles NADH generated in glycolysis to NAD⁺, which reenters glycolysis. The major form of LDH found in muscle cells is the A (LDHA) isozyme.

Immunogen: A synthetic peptide of human Lactate Dehydrogenase

Applications: WB,IHC-F,IHC-P,ICC/IF,IP

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-6J2

MW: Calculated MW: 37 kDa; Observed MW: 37 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

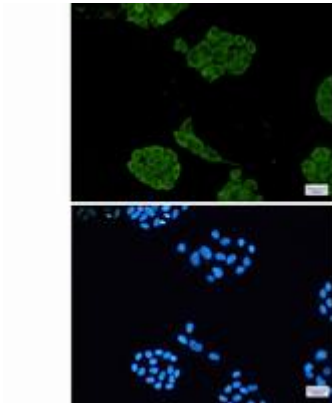
Conjugation: Unconjugated

Modification: Unmodified

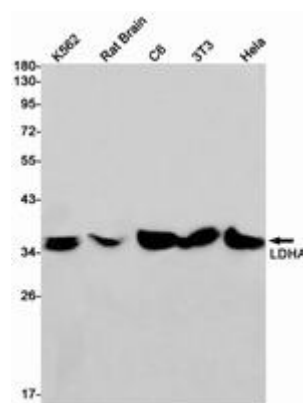
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

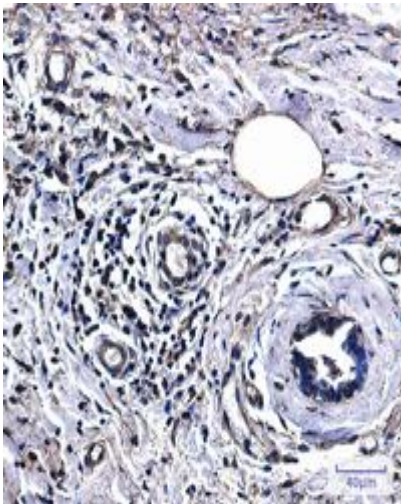
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of Lactate Dehydrogenase (green) in HeLa using Lactate Dehydrogenase antibody, and DAPI (blue)



Western blot analysis of LDHA in K562, rat Brain, C6, 3T3, HeLa lysates using Lactate Dehydrogenase A antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Lactate Dehydrogenase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.