

## Anti-Lactate Dehydrogenase A Rabbit Monoclonal Antibody

### Introduction

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

### Product parameters

Alternative Names	LDHA; LDH-M; LDH1; PIG19; GSD11; TRG5; Proliferation inducing gene 19
Gene ID	3939
Gene Name	LDHA
SwissProt ID	P00338
Host	Rabbit
Reactivity	Human, Mouse, Rat
Molecular Weight	Calculated MW: 37 kDa; Observed MW: 37 kDa
Conjugation	Unconjugated
Ex	-
Em	-
Modification	Unmodified
Clonality	IgG
Isotype	Monoclonal Antibody
Clonality No.	AP-15E5D10
Form	Liquid
Concentration	See label
Carrier	Carrier Not Free
Immunogen	A synthetic peptide of human Lactate Dehydrogenase
Purification	Affinity Purified
Buffer System	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Application	WB, IHC-F, IHC-P, ICC/IF, IP
Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Research Field	Signal Transduction
Product Categories	Primary antibody

Shipping	Blue ice
Storage	-20°C
Expiration Date	12 months
Note	Please avoid freeze-thaw cycles.

## Protocol



Configure the product according to the application range and recommended dilution ratio.

**\*Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

## Note

1. This product is for scientific research use only.



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