



## Lactate Dehydrogenase Isoenzyme V (ANT0096R) Rabbit mAb

CatalogNo: ANT8056 **Recombinant R**

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA  
Quantity : 100 ug/vial

### Host Species

- Rabbit
- Human,Mouse,Rat,

### Reactivity

- WB,IHC,IF,IP,ELISA

### Applications

### MW

- 36kD (Calculated)
  - IgG,Kappa
- 36kD (Observed)

### Isotype

## Recommended Dilution Ratios

IHC 1:200-1000

WB 1:500-200

IF 1:200-1000

ELISA 1:5000-20000

IP 1:50-200

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

## Basic Information

**Clonality** Monoclonal

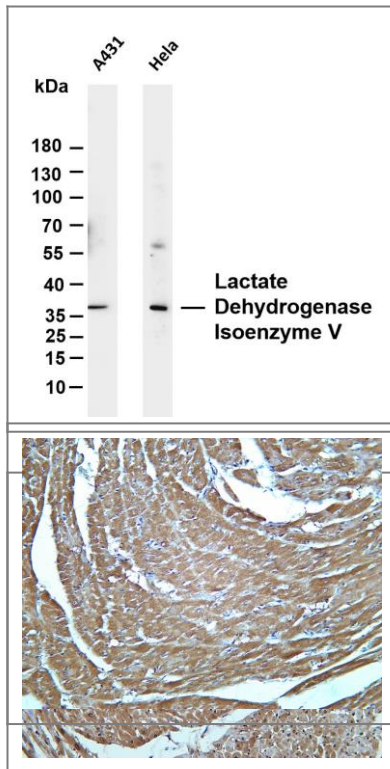
**Clone Number** ANT0096R

Endogenous

Target Information

Gene name	LDHA PIG19		
Protein Name	L-lactate dehydrogenase A chain (LDH-A) (Cell proliferation-inducing gene 19 protein) (LDH muscle subunit) (LDH-M) (Renal carcinoma antigen NY-REN-59)		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">3939;</a>	<a href="#">P00338;</a>
	Mouse		<a href="#">P06151;</a>
	Rat		<a href="#">P04642;</a>
Cellular Localization	Cytoplasm		
Tissue specificity	Predominantly expressed in anaerobic tissues such as skeletal muscle and liver.		
Function	Catalytic activity:(S)-lactate + NAD(+) = pyruvate + NADH.,Caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,Disease:Defects in LDHA are a cause of exertional myoglobinuria.,online information:Lactate dehydrogenase entry,pathway:Fermentation; pyruvate fermentation to lactate; (S)-lactate from pyruvate: step 1/1.,similarity:Belongs to the LDH/MDH superfamily.,similarity:Belongs to the LDH/MDH superfamily. LDH family.,subunit:Homotetramer,		

## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Lactate Dehydrogenase Isoenzyme V (ANT0096R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: A431 Lane 2: Hela Predicted band size: 36kDa Observed band size: 36kDa

Rat heart was stained with Anti-Lactate Dehydrogenase Isoenzyme V (ANT0096R) rabbit antibody

Mouse heart was stained with Anti-Lactate Dehydrogenase Isoenzyme V (ANT0096R) rabbit antibody

For Research use only, not for diagnostics and clinical use

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