

For Research Use Only

# CoraLite®555-conjugated LDHB Polyclonal antibody



Catalog Number:CL555-14824

Featured Product

## Basic Information

Catalog Number:

CL555-14824

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6605

GenBank Accession Number:

BC002362

GeneID (NCBI):

3945

UNIPROT ID:

P07195

Full Name:

lactate dehydrogenase B

Calculated MW:

36 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima  
wavelengths:

557 nm / 570nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

LDHB, also named as LDH-H and NY-REN-46, belongs to the LDH/MDH superfamily. And LDH family. It is an enzyme which catalyzes the reversible conversion of pyruvate and NADH to lactate and NAD<sup>+</sup> in the glycolytic pathway (PMID: 26269128). It is glycolytic enzymes and it is positively regulated by mTOR.

## Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

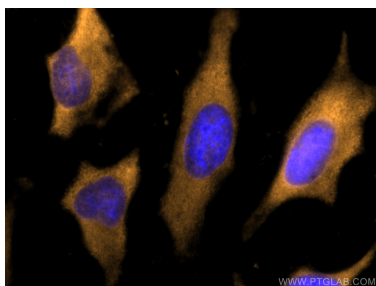
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CoraLite®555 LDHB antibody (CL555-14824) at dilution of 1:200.