

For Research Use Only

# CoraLite® Plus 488-conjugated LDHA Polyclonal antibody



Catalog Number: CL488-21799

## Basic Information

Catalog Number:

CL488-21799

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16703

GenBank Accession Number:

BC067223

GeneID (NCBI):

3939

UNIPROT ID:

P00338

Full Name:

lactate dehydrogenase A

Calculated MW:

332 aa, 37 kDa

Observed MW:

32-37 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

Lactate dehydrogenase (LDH) is composed of A subunits predominate in skeletal muscle and B subunits are abundantly produced in brain and heart. The LDHA (lactate dehydrogenase A) and COPB1 (coatomer protein complex, subunit beta 1) genes, are involved in energy metabolism and protein transport processes. Both genes might play important roles in muscle development. It has some isoforms with the molecular mass of 27-40 kDa and can form a homotetramer (PMID:11276087).

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

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:

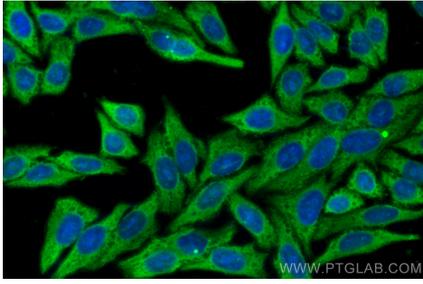
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CoraLite® Plus 488 LDHA antibody (CL488-21799) at dilution of 1:200.