

## Product datasheet


### Anti-LDHD/DLD antibody [EPR15068(B)] ab182146

Recombinant

RabMAb

2 Images

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-LDHD/DLD antibody [EPR15068(B)]  |
| <b>Description</b>         | Rabbit monoclonal [EPR15068(B)] to LDHD/DLD   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human<br><b>Predicted to work with:</b> Mouse   |
| <b>Immunogen</b>           | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| <b>Positive control</b>    | Human fetal liver and fetal heart lysates.  |
| <b>General notes</b>       | <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> |

#### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS               |
| <b>Purity</b>               | Tissue culture supernatant  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Clone number</b>         | EPR15068(B)   |
| <b>Isotype</b>              | IgG   |

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab182146 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes  |
|-------------|-----------|--|
| WB          |           | 1/1000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 55 kDa). |

## Target

### Tissue specificity

Expressed moderately in heart and liver and at lower levels in skeletal muscle and kidney.

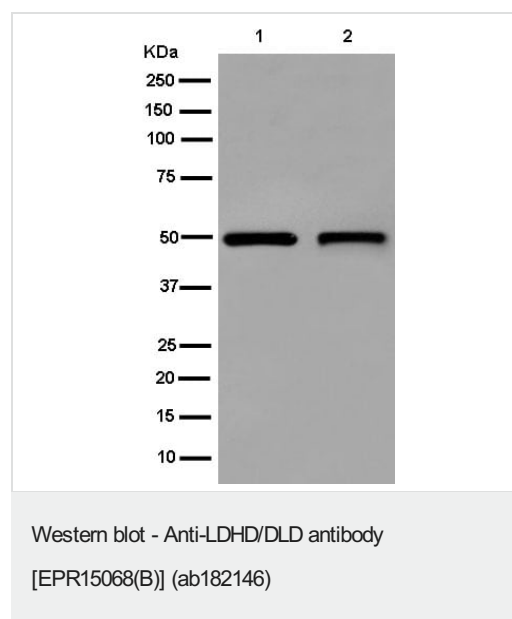
### Sequence similarities

Belongs to the FAD-binding oxidoreductase/transferase type 4 family.  
Contains 1 FAD-binding PCMH-type domain.

### Cellular localization

Mitochondrion.

## Images



**All lanes :** Anti-LDHD/DLD antibody [EPR15068(B)] (ab182146)  
at 1/2000 dilution

**Lane 1 :** Human fetal liver lysate

**Lane 2 :** Human fetal heart lysate

Lysates/proteins at 20 µg per lane.





### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab136636**) at 1/500 dilution

**Predicted band size:** 55 kDa

**Observed band size:** 50 kDa

Why choose a recombinant antibody?

|  |  |
|--|--|
|  <p><b>Research with confidence</b><br/>Consistent and reproducible results</p> |  <p><b>Long-term and scalable supply</b><br/>Recombinant technology</p> |
|  <p><b>Success from the first experiment</b><br/>Confirmed specificity</p>      |  <p><b>Ethical standards compliant</b><br/>Animal-free production</p>   |

Anti-LDHD/DLD antibody [EPR15068(B)] (ab182146)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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