

## Product datasheet

# Anti-Alcohol Dehydrogenase antibody [EPR4440] ab108197

Recombinant RabMAb

★★★★☆ [1 Abreviews](#) [1 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-Alcohol Dehydrogenase antibody [EPR4440]
<b>Description</b>	Rabbit monoclonal [EPR4440] to Alcohol Dehydrogenase
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> Flow Cyt or ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: Human fetal liver, rat liver and mouse liver lysates IHC-P: Human liver tissue
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR4440

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab108197 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)	1/1000 - 1/10000. Predicted molecular weight: 40 kDa.
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 °C, below boiling, and then let cool for 10-20 minutes.

### Application notes

Is unsuitable for Flow Cyt or ICC/IF.

## Target

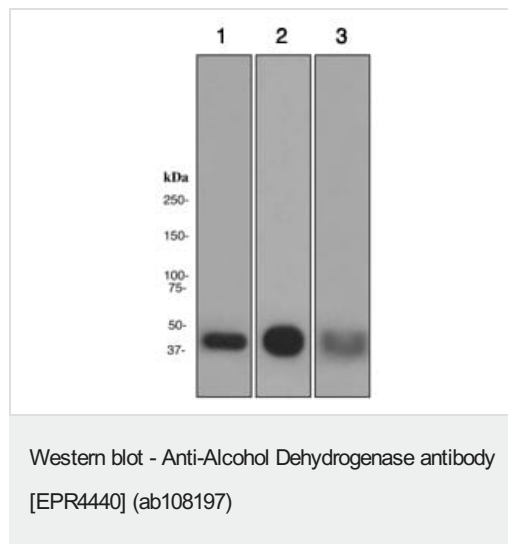
### Sequence similarities

Belongs to the zinc-containing alcohol dehydrogenase family.

### Cellular localization

Cytoplasm.

## Images



**All lanes** : Anti-Alcohol Dehydrogenase antibody [EPR4440] (ab108197) at 1/1000 dilution

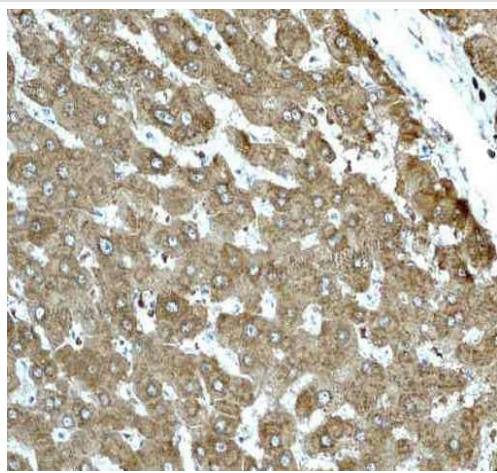
**Lane 1** : Human fetal liver lysate

**Lane 2** : Mouse liver lysate

**Lane 3** : Rat liver lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 40 kDa



Immunohistochemical staining of Alcohol Dehydrogenase in paraffin embedded Human liver tissue, using ab108197 at a 1/100 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Alcohol Dehydrogenase antibody [EPR4440] (ab108197)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Alcohol Dehydrogenase antibody [EPR4440] (ab108197)

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

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- 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
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