

# Anti-Alcohol Dehydrogenase antibody [EPR4439] - BSA and Azide free ab247607

Recombinant RabMAb

[4 Images](#)

### Overview

<b>Product name</b>	Anti-Alcohol Dehydrogenase antibody [EPR4439] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR4439] to Alcohol Dehydrogenase - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, WB, IHC-P <b>Unsuitable for:</b> Flow Cyt or IP
<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>General notes</b>	<p>ab247607 is the carrier-free version of <a href="#">ab108203</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR4439
<b>Isotype</b>	IgG

## Applications

---

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab247607 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
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 40 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For antigen retrieval, heat up to 98 degree C, below boiling, and then let cool for 10-20 minutes.

**Application notes** Is unsuitable for Flow Cyt or IP.

## Target

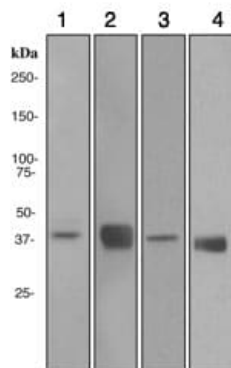
---

**Sequence similarities** Belongs to the zinc-containing alcohol dehydrogenase family.  
**Cellular localization** Cytoplasm.

---

## Images

---



Western blot - Anti-Alcohol Dehydrogenase antibody [EPR4439] - BSA and Azide free (ab247607)

**All lanes** : Anti-Alcohol Dehydrogenase antibody [EPR4439] ([ab108203](#)) at 1/1000 dilution

**Lane 1** : HepG2 cell lysate

**Lane 2** : Mouse liver tissue lysate

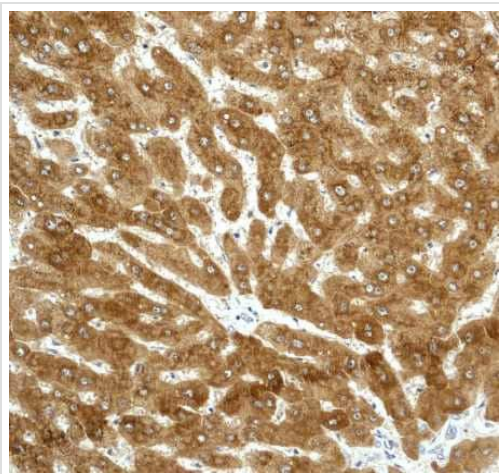
**Lane 3** : Human fetal liver tissue lysate

**Lane 4** : Rat liver tissue lysate

Lysates/proteins at 10 µg per lane.

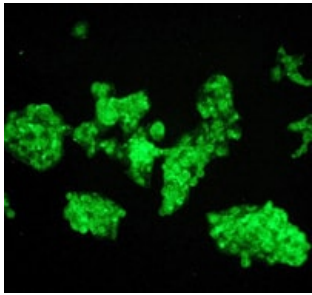
**Predicted band size:** 40 kDa

This data was developed using [ab108203](#), the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Alcohol Dehydrogenase antibody [EPR4439] - BSA and Azide free (ab247607)

This data was developed using [ab108203](#), the same antibody clone in a different buffer formulation. [ab108203](#) at 1/250 dilution staining Alcohol Dehydrogenase in paraffin-embedded Human liver tissue. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



This data was developed using **ab108203**, the same antibody clone in a different buffer formulation. **ab108203** at 1/500 dilution staining Alcohol Dehydrogenase in HepG2 cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Alcohol Dehydrogenase antibody [EPR4439] - BSA and Azide free (ab247607)

### 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 [EPR4439] - BSA and Azide free (ab247607)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise,

please visit <https://www.abcam.com/abpromise> or contact our technical team.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors