

Product datasheet

Anti-Alcohol Dehydrogenase antibody [EPR4439] ab108203

Recombinant RabMAb

★★★★★ [6 Abreviews](#) [5 References](#) [5 Images](#)

Overview

Product name	Anti-Alcohol Dehydrogenase antibody [EPR4439]
Description	Rabbit monoclonal [EPR4439] to Alcohol Dehydrogenase
Host species	Rabbit
Tested applications	Suitable for: ICC/IF, WB, IHC-P Unsuitable for: Flow Cyt or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: lysate from HepG2 cells, Human fetal, mouse or rat liver; IHC-P: Human liver tissue; ICC/IF: HepG2 cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR4439

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab108203 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	★★★★★ (3)	1/500 - 1/1000.
WB	★★★★★ (3)	1/1000 - 1/10000. Predicted molecular weight: 40 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98 degrees C, below boiling, and then let cool for 10-20 min.

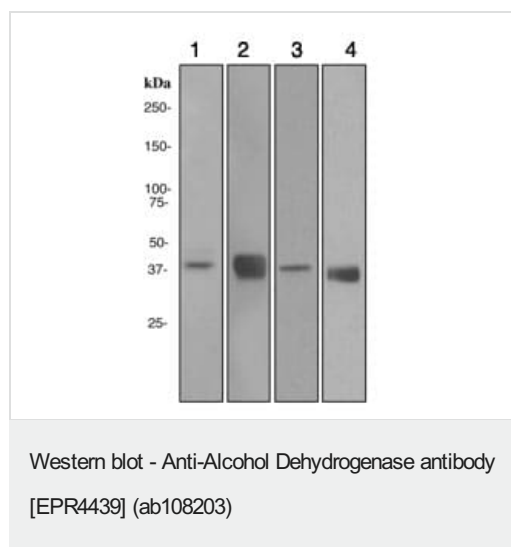
Application notes Is unsuitable for Flow Cyt or IP.

Target

Sequence similarities Belongs to the zinc-containing alcohol dehydrogenase family.

Cellular localization Cytoplasm.

Images



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

Lane 1 : HepG2 cell lysate

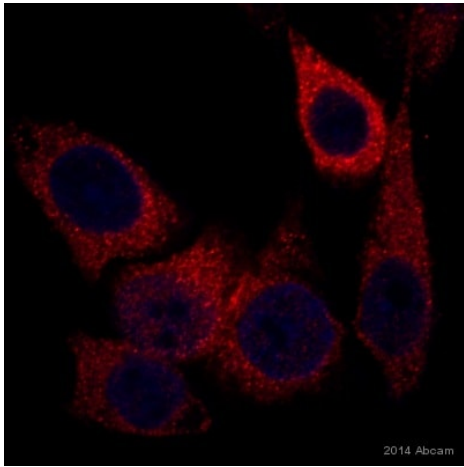
Lane 2 : Mouse liver tissue lysate

Lane 3 : Human fetal liver tissue lysate

Lane 4 : Rat liver tissue lysate

Lysates/proteins at 10 µg per lane.

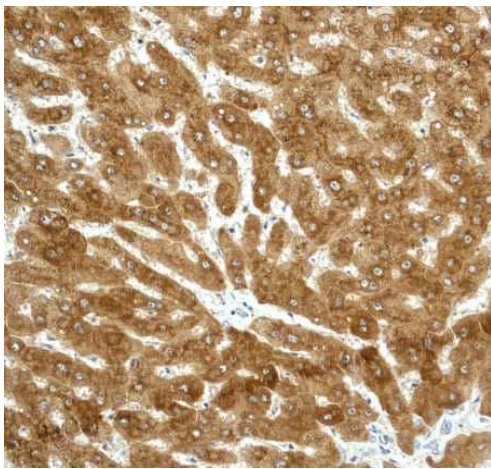
Predicted band size: 40 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Alcohol Dehydrogenase antibody [EPR4439] (ab108203)

This image is courtesy of an Abreview submitted by Armen Petrosyan

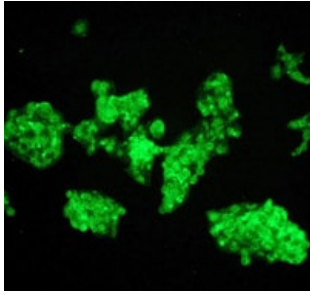
ab108203 staining Alcohol Dehydrogenase in the HepG2 cell line from Human liver by ICC/IF (Immunocytochemistry/immunofluorescence). Cells were fixed with formaldehyde and blocked with 1% Serum for 60 minutes at 22°C. Samples were incubated with primary antibody (1/50) for 1 hour at 22°C. An Alexa Fluor®594-conjugated Donkey anti-rabbit polyclonal was used as the secondary antibody. Nucleus was stained with DAPI (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Alcohol Dehydrogenase antibody [EPR4439] (ab108203)

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.



ab108203 at 1/500 dilution staining Alcohol Dehydrogenase in HepG2 cells by Immunofluorescence.

Immunocytochemistry/ Immunofluorescence - Anti-Alcohol Dehydrogenase antibody [EPR4439] (ab108203)

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] (ab108203)

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

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