

Product datasheet

Anti-ALDH2 antibody [EPR4493] (HRP) ab199210

Recombinant RabMAb

1 Image

Overview

<b>Product name</b>	Anti-ALDH2 antibody [EPR4493] (HRP)
<b>Description</b>	Rabbit monoclonal [EPR4493] to ALDH2 (HRP)
<b>Host species</b>	Rabbit
<b>Conjugation</b>	HRP
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat ▲
<b>Immunogen</b>	Synthetic peptide within Human ALDH2 aa 150-250. The exact sequence is proprietary.
<b>Positive control</b>	WB: A549 (Human lung adenocarcinoma epithelial cell line) Whole Cell lysate.
<b>General notes</b>	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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Store In the Dark.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% 10% Proclin 300 Solution Constituents: 30% Glycerol, PBS, 1% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR4493
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab199210** 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		1/5000. Detects a band of approximately 56 kDa (predicted molecular weight: 56 kDa).

## Target

**Pathway** Alcohol metabolism; ethanol degradation; acetate from ethanol: step 2/2.

**Sequence similarities** Belongs to the aldehyde dehydrogenase family.

**Cellular localization** Mitochondrion matrix.

## Images



Western blot - Anti-ALDH2 antibody [EPR4493] (HRP) (ab199210)

Anti-ALDH2 antibody [EPR4493] (HRP) (ab199210) at 1/5000 dilution + A549 (Human lung adenocarcinoma epithelial cell line) Whole Cell Lysate at 10 µg

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 56 kDa

**Observed band size:** 56 kDa

**Exposure time:** 1 minute

This blot was produced using a 4-12% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab199210 overnight at 4°C. Antibody binding was visualised using ECL development solution [ab133406](#).

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

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