# Anti-Apo-M antibody [EPR2904] ab91656

## Overview

**Product name**  
Anti-Apo-M antibody [EPR2904]

**Description**  
Rabbit monoclonal [EPR2904] to Apo-M

**Host species**  
Rabbit

**Tested applications**  
Suitable for: WB, IHC-P, Flow Cyt  
Unsuitable for: IP

**Species reactivity**  
Reacts with: Human

**Immunogen**  
Synthetic peptide within Human Apo-M aa 50-150. The exact sequence is proprietary.

**Positive control**  
WB: plasma or HDL cell lysate. IHC: liver tissue.

**General notes**  
Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

This product is a recombinant monoclonal antibody, which offers several advantages including:
- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information see [here](#).

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).  

## Properties

**Form**  
Liquid

**Storage instructions**  
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

**Storage buffer**  
pH: 7.20
Preservative: 0.05% Sodium azide
Constituents: 0.1% BSA, 40% Glycerol, 9.85% Tris glycine, 50% Tissue culture supernatant

**Purity**  
Tissue culture supernatant

**Clonality**  
Monoclonal
Clone number EPR2904

Isotype IgG

Applications

Our Abpromise guarantee covers the use of ab91656 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<td>IHC-P</td>
<td>1/100 - 1/250. Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.</td>
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<tr>
<td>Flow Cyt</td>
<td>1/50, ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.</td>
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Application notes Is unsuitable for IP.

Target

Function Probably involved in lipid transport. Can bind sphingosine-1-phosphate, myristic acid, palmitic acid and stearic acid, retinol, all-trans-retinoic acid and 9-cis-retinoic acid.


Sequence similarities Belongs to the calycin superfamily. Lipocalin family. Highly divergent.

Cellular localization Secreted. Present in high density lipoprotein (HDL) and to a lesser extent in triglyceride-rich lipoproteins (TGRLP) and low density lipoproteins.

Images

All lanes: Anti-Apo-M antibody [EPR2904] (ab91656) at 1/2000 dilution

Lane 1: plasma lysate
Lane 2: HDL cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes: HRP labelled Goat anti-Rabbit at 1/2000 dilution

Predicted band size: 21 kDa
Immunohistochemistry staining of Apo-M in formalin-fixed, paraffin embedded Human liver tissue using 1/100 ab91656.

Perform heat mediated antigen retrieval via the pressure cooker method before commencing with IHC staining protocol.

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

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