


## Product datasheet

# Anti-Apolipoprotein A II/ApoA-II antibody [EPR2913] ab92478

Recombinant RabMAb

★★★★★ 1 Abreviews 3 References 4 Images

### Overview

<b>Product name</b>	Anti-Apolipoprotein A II/ApoA-II antibody [EPR2913]
<b>Description</b>	Rabbit monoclonal [EPR2913] to Apolipoprotein A II/ApoA-II
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Synthetic peptide within Human Apolipoprotein A II/ApoA-II aa 50-150. The exact sequence is proprietary.
<b>Positive control</b>	Human plasma lysate. HEPG2 cells; rat primary astrocytes,
<b>General notes</b>	<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

### 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.
<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

**Purity** Protein A purified  
**Clonality** Monoclonal  
**Clone number** EPR2913  
**Isotype** IgG

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab92478 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		1/1000 - 1/5000. Detects a band of approximately 11 kDa (predicted molecular weight: 11 kDa).
ICC/IF	★★★★★ (1)	1/100 - 1/500.

**Application notes** Is unsuitable for IHC-P or IP.

## Target

**Function** May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.

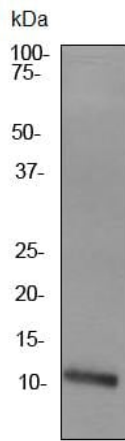
**Tissue specificity** Plasma; synthesized in the liver and intestine.

**Sequence similarities** Belongs to the apolipoprotein A2 family.

**Post-translational modifications** Phosphorylation sites are present in the extracellular medium.

**Cellular localization** Secreted.

## Images



Western blot - Anti-Apolipoprotein A II/ApoA-II antibody [EPR2913] (ab92478)

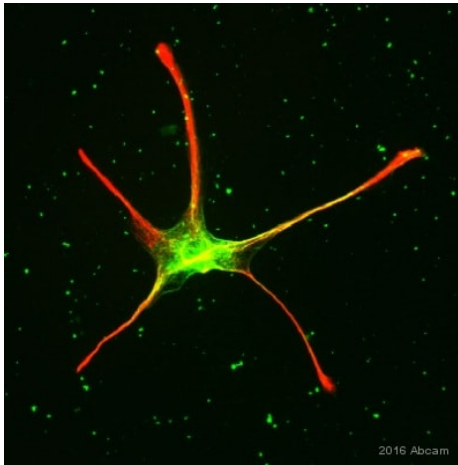
Anti-Apolipoprotein A II/ApoA-II antibody [EPR2913] (ab92478) at 1/1000 dilution + Human plasma lysate at 10 µg

**Secondary**

HRP labelled goat anti-rabbit antibody at 1/2000 dilution

**Predicted band size:** 11 kDa

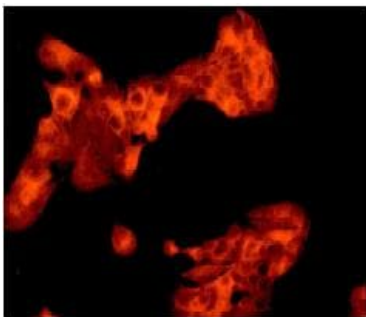
**Observed band size:** 11 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Apolipoprotein A II/ApoA-II antibody [EPR2913] (ab92478)

This image is courtesy of an abreview submitted by Ruma Raha-Chowdhury

Immunocytochemistry/Immunofluorescence analysis rat primary astrocyte culture labelling Apolipoprotein A II/ApoA-II with ab92478 at 1/500. Cells were fixed with methanol and permeabilised using 0.1M PBS with 1% Triton X. An Alexa Fluor® 488-conjugated monoclonal donkey antibody at 1/3000 dilution was used as the secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-Apolipoprotein A II/ApoA-II antibody [EPR2913] (ab92478)

Ab92478 at 1/100 dilution staining Apolipoprotein A II/ApoA-II in HepG2 cells by immunofluorescence.

### 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-Apolipoprotein A II/ApoA-II antibody [EPR2913]  
(ab92478)

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

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