

Anti-Apo-D antibody [EPR2916] - BSA and Azide free ab247602

Recombinant RabMAb

6 Images

Overview

Product name	Anti-Apo-D antibody [EPR2916] - BSA and Azide free
Description	Rabbit monoclonal [EPR2916] to Apo-D - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab247602 is the carrier-free version of ab108191.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] 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"> - 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> <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

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR2916
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab247602 in the following tested applications.

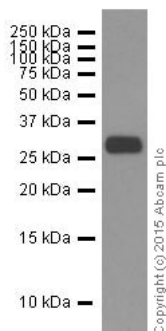
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols</u> .
WB		Use at an assay dependent concentration. Predicted molecular weight: 21 kDa.

Target

Function	APOD occurs in the macromolecular complex with lecithin-cholesterol acyltransferase. It is probably involved in the transport and binding of bilin. Appears to be able to transport a variety of ligands in a number of different contexts.
Tissue specificity	Expressed in liver, intestine, pancreas, kidney, placenta, adrenal, spleen, fetal brain tissue and tears.
Sequence similarities	Belongs to the calycin superfamily. Lipocalin family.
Cellular localization	Secreted.

Images



Western blot - Anti-Apo-D antibody [EPR2916] - BSA and Azide free (ab247602)

Anti-Apo-D antibody [EPR2916] (**ab108191**) at 1/2000 dilution (purified) + human plasma at 10 µg

Secondary

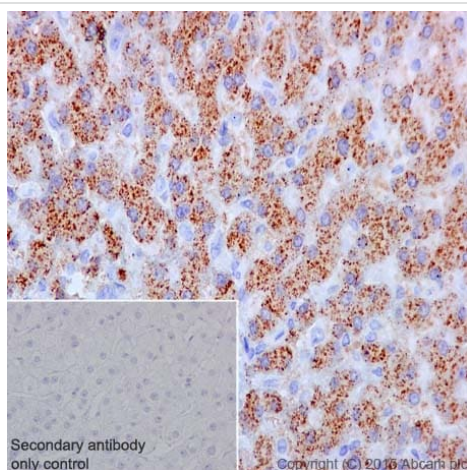
HRP goat anti-rabbit IgG (H+L) at 1/50000 dilution

Predicted band size: 21 kDa

Observed band size: 30 kDa

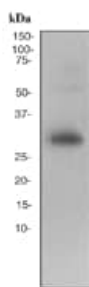
This data was developed using **ab108191**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-D antibody [EPR2916] - BSA and Azide free (ab247602)

This data was developed using **ab108191**, the same antibody clone in a different buffer formulation. Immunohistochemical staining of paraffin embedded human liver with purified **ab108191** at a working dilution of 1/200. The secondary antibody used is HRP goat anti-rabbit IgG H&L (**ab97051**) at 1/500. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.

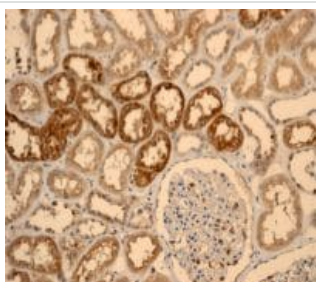


Western blot - Anti-Apo-D antibody [EPR2916] - BSA and Azide free (ab247602)

Anti-Apo-D antibody [EPR2916] (**ab108191**) at 1/1000 dilution (unpurified) + Human plasma cell lysate at 10 µg

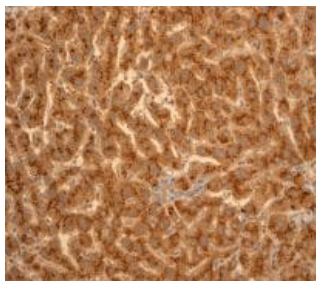
Predicted band size: 21 kDa

This data was developed using **ab108191**, the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-D antibody [EPR2916] - BSA and Azide free (ab247602)

This data was developed using **ab108191**, the same antibody clone in a different buffer formulation. Immunohistochemical staining of Apo-D in paraffin embedded human kidney tissue, using unpurified **ab108191** at a 1/100 dilution. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Apo-D antibody [EPR2916] - BSA and Azide free (ab247602)

This data was developed using **ab108191**, the same antibody clone in a different buffer formulation. Immunohistochemical staining of Apo-D in paraffin embedded Human liver tissue, using unpurified **ab108191** at a 1/100 dilution. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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-Apo-D antibody [EPR2916] - BSA and Azide free (ab247602)

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

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