

Product datasheet

Anti-APOA4/Apo-AIV antibody [EPR2895] ab108200

Recombinant RabMAb

★ ★ ★ ★ ★ [1 Abreviews](#) [1 References](#) [3 Images](#)

Overview

Product name	Anti-APOA4/Apo-AIV antibody [EPR2895]
Description	Rabbit monoclonal [EPR2895] to APOA4/Apo-AIV
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human plasma
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> <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 -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 EPR2895

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab108200 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)	1/1000 - 1/10000. Detects a band of approximately 46 kDa (predicted molecular weight: 45 kDa).
IP		1/10 - 1/100.

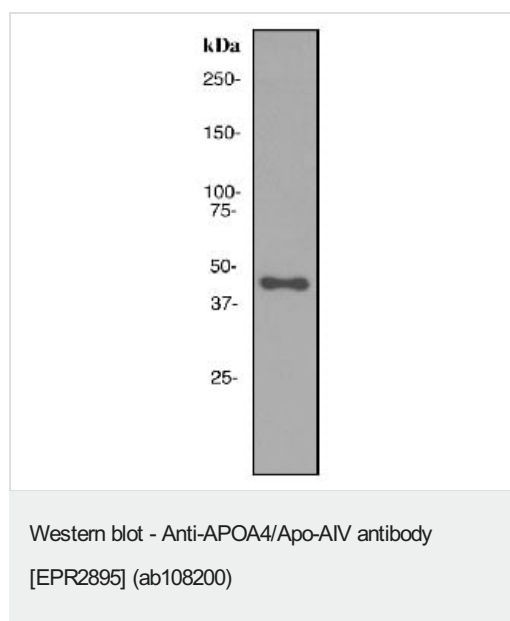
Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Target

Relevance APOA4 (apolipoprotein A-IV) is a component of HDL and chylomicrons. Its primary site of synthesis is the intestine, in association with lymph chylomicron particles. Although its precise function is not known, APOA4 is a potent activator of lecithin-cholesterol acyltransferase (LCAT) in vitro. In rodents, Apo A-IV inhibits gastric emptying and serves as a satiety factor whose synthesis and secretion are increased by the ingestion of dietary fat. It also possesses anti-inflammatory and antiatherogenic properties

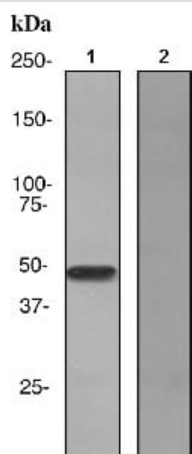
Cellular localization Secreted

Images



Anti-APOA4/Apo-AIV antibody [EPR2895] (ab108200) at 1/1000 dilution + Human plasma at 10 µg

Predicted band size: 45 kDa



Western blot analysis of APOA4/Apo-AIV in immunoprecipitation pellets from Human plasma (Lane 1) or 1XPBS (negative control) (Lane 2) using ab108200 at 1/10 dilution for IP and at 1/1000 dilution for WB detection.

Immunoprecipitation - Anti-APOA4/Apo-AIV antibody [EPR2895] (ab108200)

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-APOA4/Apo-AIV antibody [EPR2895] (ab108200)

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

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