

DATASHEET

Apolipoprotein A4 Mouse Monoclonal Antibody(C3435)

CAT. NO. AMA03047

KEY FEATURES

Target	Apolipoprotein A4	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

BACKGROUND

May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. ApoA-IV is a major component of HDL and chylomicrons.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

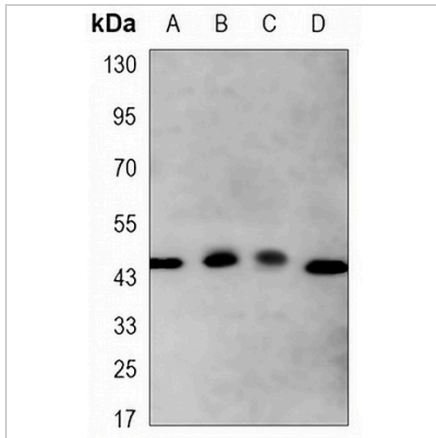
Description	Mouse monoclonal antibody to Apolipoprotein A4
Specificity	Recognizes endogenous levels of Apolipoprotein A4 protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 45 kD; Observed: 45 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	Apolipoprotein A-IV; Apo-AIV; ApoA-IV; Apolipoprotein A4
Gene Symbol	APOA4
Entrez Gene	337(Human)
SwissProt	P06727(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of Apolipoprotein A4 expression in human serum (A), human plasma (B), HepG2 (C), SMMC7721 (D) whole cell lysates. (Predicted band size: 45 kD; Observed band size: 45 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.