

Apolipoprotein A4 monoclonal antibody

Catalog: MB66634

Host: Mouse

Reactivity: Human

BackGround:

Apolipoproteins are plasma lipoproteins that function as transporters of lipids and cholesterol in the circulatory system. Chylomicrons are a fundamental class of apolipoproteins containing very low-density lipoproteins (VLDL), intermediate-density lipoproteins (IDL), low-density lipoproteins (LDL), and high-density lipoproteins (HDL). Apolipoprotein A-IV (ApoA4) is a glycoprotein that exists as a free apolipoprotein in human plasma. ApoA4 activates the lecithin cholesterol acyl transferase to modulate the rate of lipid transfer protein (LTP) activity. Additional evidence suggests that ApoA4 may also act as an antioxidant to inhibit LDL oxidation in the atherosclerosis model.

Product:

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

Molecular Weight:

~ 45 kDa

Swiss-Prot:

P06727

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

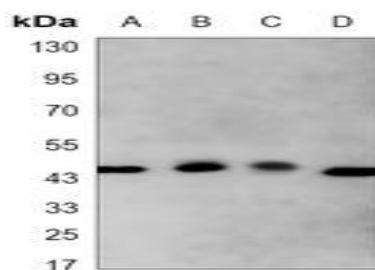
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Apolipoprotein A4 protein.

DATA:



Western blot analysis of Apolipoprotein A4 expression in human serum (A), human plasma (B), HepG2 (C), SMMC7721 (D) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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