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APOA4 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1252a

Specification

APOA4 Antibody - Product Information

Application	**WB, IHC**
Primary Accession	P06727.3
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a**
Calculated MW	**45kDa KDa**

Description
APOA4: apolipoprotein A-IV. Apoliprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro.

Immunogen
Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli.

Formulation
Ascitic fluid containing 0.03% sodium azide.

APOA4 Antibody - Additional Information

Dilution
WB~~1/500 - 1/2000
IHC~~1:200~~1000

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
APOA4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

APOA4 Antibody - Protein Information

APOA4 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

APOA4 Antibody - Images

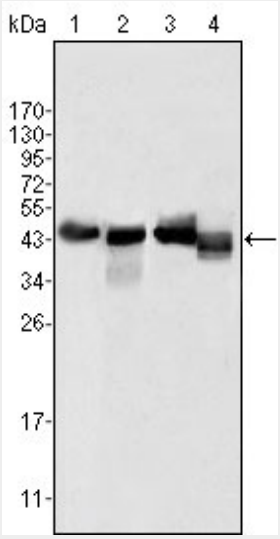

Figure 1: Western blot analysis using APOA4 mouse mAb against human serum (1), human plasma (2), HepG2 cell lysate (3) and SMMC-7721 cell lysate (4).

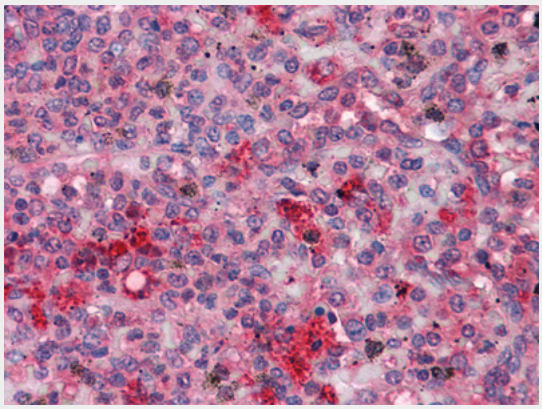

Figure 2: Immunohistochemical analysis of paraffin-embedded human Spleen tissues using FGR mouse mAb

APOA4 Antibody - References

1. J Biol Chem. 2006 Feb 10;281(6):3560-8. 2. Clin Chim Acta. 2008 Feb;388(1-2):78-83.