10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

APOA4 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1254a

Product Information

Application	WB, E
Primary Accession	P06727.3
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	2D1C9
Isotype	IgG1
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.

Additional Information

Dilution	WB~~1/500 - 1/2000 E~~N/A
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.

Protein Information

References

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

Images

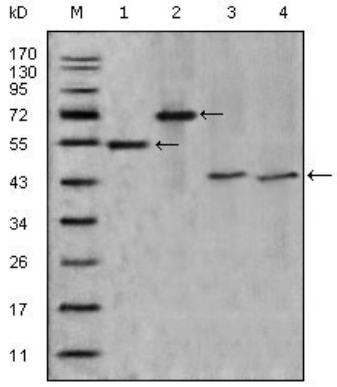


Figure 1: Western blot analysis using APOA4 mouse mAb against truncated APOA4-His recombinant protein (1),truncated APOA4(aa21-396)-hIgGFc transfected CHO-K1 cell lysate(2),human serum (3) and human plasma (4).

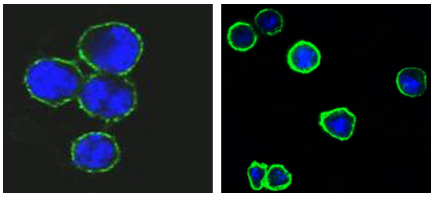


Figure 1: Confocal immunofluorescence analysis of methanol-fixed BCBL-1 (left) and L1210 (right) cells using CD37 mouse mAb(green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.

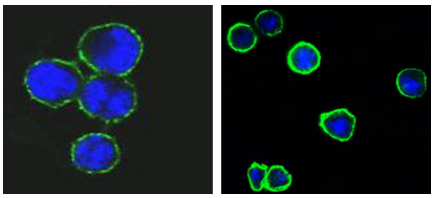


Figure 1: Confocal immunofluorescence analysis of methanol-fixed BCBL-1(left) and L1210(right) cells using anti-CD37 monoclonal antioby(green), showing membrane localization. Blue: DRAQ5 fluorescent DNA dye.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.