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APOA4 Ab

Images(1)

Cat.#: BF0605	Concn.: ~1mg/ml	Mol.Wt.: 45kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	Affinity-chromatography.
Immunogen:	Purified recombinant fragment of human APOA4 expressed in E. Coli.
Uniprot:	P06727
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.

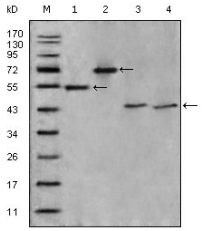

Figure 1: Western blot analysis using APOA4 mouse mAb against truncated APOA4-His recombinant protein (1),truncated APOA4(aa21-396)-hIgGFc transfected CHO-K1 cell lysate(2),human serum (3) and human plasma (4).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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