

## Mouse Monoclonal Antibody to APOA4

<b>Catalogue Number</b>	sAP-0254
<b>Target Molecule</b>	<b>Name: APOA4</b> <b>Aliases: N/A</b> <b>MW: N/A</b> <b>Entrez Gene ID: 337</b>
<b>Description</b>	APOA4: apolipoprotein A-IV. Apolipoprotein (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.
<b>Immunogen</b>	Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli. ;
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM2D1C9;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Biol Chem. 2006 Feb 10;281(6):3560-8. ; 2. Clin Chim Acta. 2008 Feb;388(1-2):78-83.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**