

Mouse Monoclonal Antibody to APOA5

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| Catalogue Number | sAP-0037 |
| Target Molecule | Name: APOA5 Aliases: RAP3; APOAV; APOA-V; MGC126836; MGC126838 MW: N/A Entrez Gene ID: 116519 |
| Description | <p>Apolipoprotein A5 (ApoA5) is fast gaining attention as a key regulator of serum triglyceride concentrations. An ApoA5 mouse knock-out model produced an approximately four fold increase in serum triglycerides, whereas a knock-in model with human ApoA5 produced 50–70% lower concentrations of mouse serum triglycerides. In addition, peroxisome proliferator-activated receptor- agonists, which are used clinically to lower serum triglyceride concentrations, cause increased ApoA5 mRNA expression. Despite these compelling molecular biology data, relatively little is known about ApoA5 protein in human serum. This antibody pair detected recombinant apoA5 protein in sandwich ELISA format and could be potential reagents for the development of clinical diagnostic kits.</p> |
| Immunogen | Purified recombinant fragment of human ApoA5 expressed in E. Coli. ; |
| Recombinant Species | Human |
| Clone | MM2G1H11; |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide. |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000 |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1.Pennacchio, L, Science 2001. 294, 169-173. ; 2.Prieur, X. J Biol Chem 2003. 278, 25468-25480. ; |

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**