## ApoA5 (4H8H) Antibody

**Subcategory:** Mouse Monoclonal Antibody
**Cat. No.:** 252597
**Unit:** 0.1 ml

**Description:**
ApoA5 (Apolipoprotein A5) is 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. ApoA5 is present in human serum detected by polyclonal antibodies against both the NH2 and COOH termini, although at much lower concentration than other apolipoproteins.

**Isotype:** Mouse IgG1
**Applications:** E, WB
**Species Reactivity:** H
**Format:** Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.
**Alternate Names:** Apolipoprotein A-V; Apo-AV; ApoA-V; Apolipoprotein A5; Regeneration-associated protein 3; RAP3; APOA5
**Accession No.:** Q6Q788

**Antigen:** Purified recombinant fragment of human APOA5 expressed in E. coli.
**Application Notes:** ELISA: 1:5000; WB: 1:500-1:2000

**Storage:** Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.