



## Apoa5(bd) Mouse Monoclonal Antibody

E10-20005

**Background:** 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- $\alpha$  agonists, which are used clinically to lower serum triglyceride concentrations, cause increased ApoA5 mRNA expression. Recently, it was demonstrated that ApoA5 is present in human serum detected by polyclonal antibodies against both the NH<sub>2</sub> and COOH termini, although at much lower concentration than other apolipoproteins.

**Catalog Number:** E10-20005

**Amount:** 100 $\mu$ g/100 $\mu$ l

**Clone Number:** 4H8H8E2 (c)

**Species:** Mouse IgG1

**Aliases:** RAP3; APOAV; APOA-V

**Entrez Gene:** 116519

**Immunogen:** Purified recombinant fragment of human APOA5 expressed in E. Coli

**Storage:** Store at 4°C, for long term storage, store at -20°C

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human

**Tested Applications:** ELISA. Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

**Application notes:** ELISA. Propose dilution 1/10000.