

## APOA4 Mouse mAb

db6401

Package : 50μL 100μL

**Product Name** : APOA4 Mouse mAb**Cat.No.:** db6401**Synonyms** : Apo AIV; APOA 4; ApoA IV; APOA4; Apolipoprotein A IV; Apolipoprotein A4**Application** : WB**Reactivity** : Human**Host species** : Mouse**Background**

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.

**Immunogen**

Purified recombinant fragment of APOA4 (aa21-396) expressed in E. Coli

**Gene ID**

337

**Swiss Prot**

P06727

**Synonyms**

Apo AIV; APOA 4; ApoA IV; APOA4; Apolipoprotein A IV; Apolipoprotein A4

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:500-1:2000

**Calculated MW**

45 kDa

**Observed MW**

45 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

1D4C11

**Isotype**

IgG2a

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Storage Stability**

Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .

Stable for 12 months from date of receipt.

- Western blot analysis of ApoA4 in Human serum , Human plasma , HepG2 lysates and SMMC7721 lysates using ApoA4 antibody.