



ApoE Monoclonal Antibody

Product: ApoE Monoclonal Antibody

Catalog Number: ZJ-B25010212

Cross-Reactivity: Human

Quantity: 20 μ L/ 50 μ L/ 100 μ L

Purity: $\geq 90\%$

Applications: WB; IHC; IF; FCM; ELISA

Gene Name: APOE

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

Specificity: ApoE Monoclonal Antibody detects endogenous levels of ApoE protein.

Dilution: WB: 1/500-1/2000; IHC: 1/200-1/1000; Flow cytometry: 1/200 - 1/400; ELISA: 1/10000; IF: 1:50-200

Observed Band: 72kDa-95kDa

Synonyms: APOE; Apolipoprotein E; Apo-E

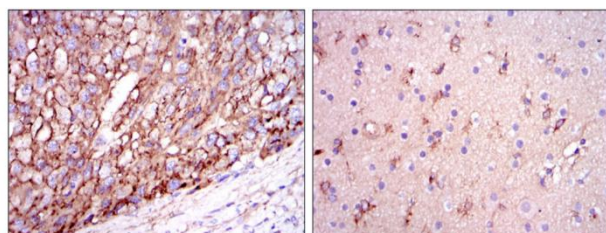
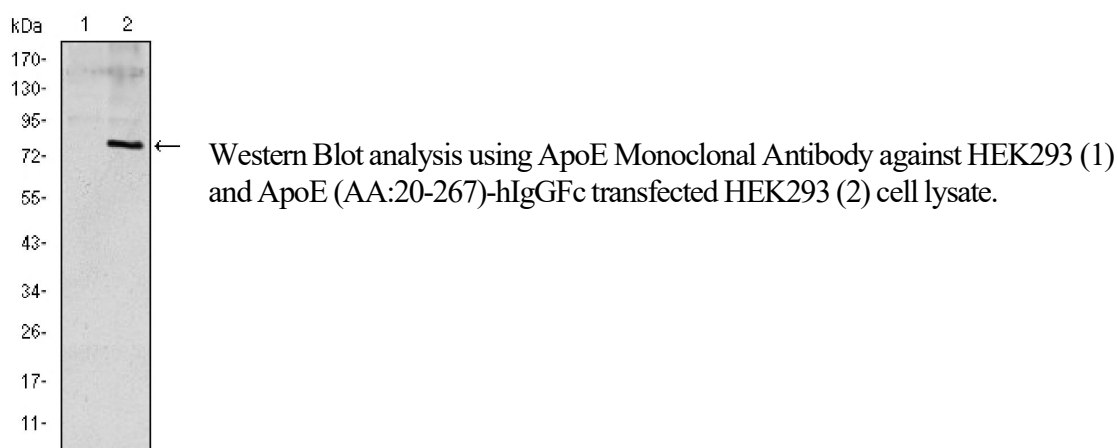
Storage : Store at -20°C. Avoid freeze-thaw cycles, Prepare working dilution fresh each day.

Expiration date: One year from date of reconstitution.

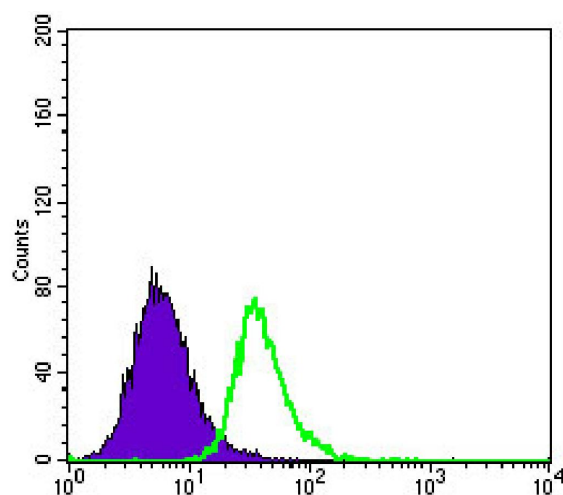
Background: The protein encoded by this gene is a major apoprotein of the chylomicron. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. This gene maps to chromosome 19 in a cluster with the related apolipoprotein C1 and C2 genes. Mutations in this gene result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants.

Note: For research use only, not for use in diagnostic procedures.

Product images:



Immunohistochemistry analysis of paraffin-embedded liver cancer tissues (left) and brain tissues (right) with DAB staining using ApoE Monoclonal Antibody



Flow cytometric analysis of HepG2 cells using ApoE Monoclonal Antibody (green) and negative control (purple).