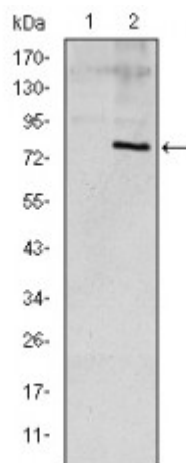


Anti-ApoE antibody



Description	Mouse monoclonal to ApoE.
Model	STJ97839
Host	Mouse
Reactivity	Human
Applications	ELISA, FC, IHC, WB
Immunogen	Purified recombinant fragment of human ApoE expressed in E. Coli.
Gene ID	348
Gene Symbol	APOE
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000FC 1:200-1:400ELISA 1:10000
Specificity	ApoE Monoclonal Antibody detects endogenous levels of ApoE protein.
Tissue Specificity	Occurs in all lipoprotein fractions in plasma. It constitutes 10-20% of very low density lipoproteins (VLDL) and 1-2% of high density lipoproteins (HDL). APOE is produced in most organs. Significant quantities are produced in liver, brain, spleen, lung, adrenal, ovary, kidney and muscle.
Purification	Affinity purification
Clone ID	1H4
Note	For Research Use Only (RUO).
Protein Name	Apolipoprotein E Apo-E
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:613OMIM:104310
Alternative Names	Apolipoprotein E Apo-E
Function	Mediates the binding, internalization, and catabolism of lipoprotein particles. It can serve as a ligand for the LDL (apo B/E) receptor and for the specific apo-E receptor (chylomicron remnant) of hepatic tissues.
Cellular Localization	Secreted
Post-translational Modifications	Synthesized with the sialic acid attached by O-glycosidic linkage and is subsequently desialylated in plasma. O-glycosylated with core 1 or possibly core 8 glycans. Thr-307 and Ser-314 are minor glycosylation sites compared to Ser-308. Glycated in plasma VLDL of normal subjects, and of hyperglycemic diabetic patients at a higher level (2-3 fold).; Phosphorylated by FAM20C in the extracellular medium.