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Recombinant Anti-Apolipoprotein A2 Rabbit mAb

Catalog # AP95217

Product Information

Application	WB, FC, IF/IC
Primary Accession	P02652
Reactivity	Human, Rat
Host	Rabbit
Clonality	Monoclonal
Calculated MW	11175

Additional Information

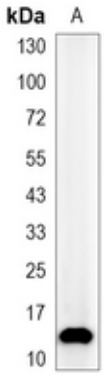
Gene ID	336
Other Names	Apolipoprotein A-II; Apo-AII; ApoA-II; Apolipoprotein A2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human Apolipoprotein A2 protein. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000) FC~~1:10~50 IF/IC~~N/A
Format	Liquid in PBS, pH 7.3, 50% glycerol, 0.05% BSA, and 0.05% Proclin300.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

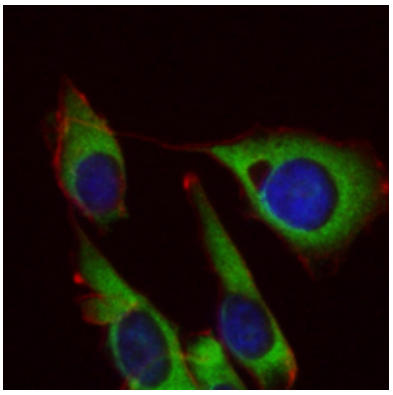
Protein Information

Name	APOA2
Function	May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.
Cellular Location	Secreted.
Tissue Location	Plasma; synthesized in the liver and intestine.

Images

Western blot analysis of Apolipoprotein A2 expression in human plasma (A) whole cell lysates. (Predicted band size: 11 kD; Observed band size: 11 kD)





Immunofluorescent analysis of Apolipoprotein A2 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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