

Apolipoprotein A II Rabbit mAb

Catalog No: #49828

Package Size: #49828-1 50ul #49828-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

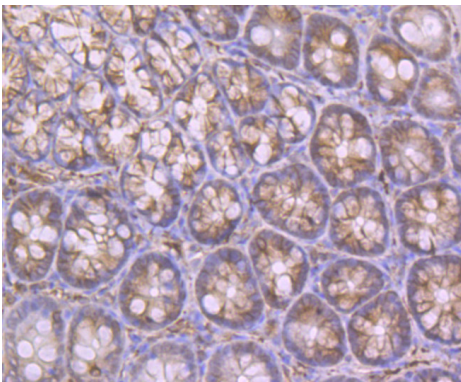
Description

Product Name	Apolipoprotein A II Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB70-35
Purification	ProA affinity purified
Applications	WB,ICC,IF,IHC,FC
Species Reactivity	Hu, Rt
Immunogen Description	Recombinant protein
Other Names	APO A2 antibody Apo All antibody Apo-All antibody APOA 2 antibody ApoA II antibody ApoA-II antibody APOA2 antibody APOA2_HUMAN antibody APOAll antibody Apolipoprotein A II antibody Apolipoprotein A-II(1-76) antibody Apolipoprotein A2 antibody Apolipoprotein All antibody ApolipoproteinA II antibody OTTHUMP00000032244 antibody
Accession No.	Swiss-Prot#:P02652
Uniprot	P02652
GeneID	336;
Calculated MW	11 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

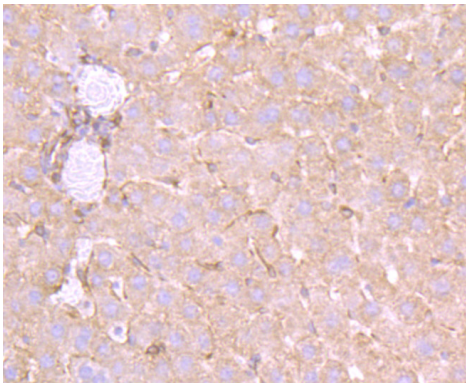
Application Details

WB: 1:500 IHC: 1:50-1:200 ICC: 1:100-1:500 FC: 1:50-1:100

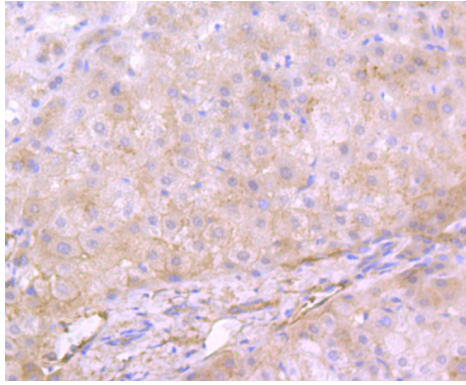
Images



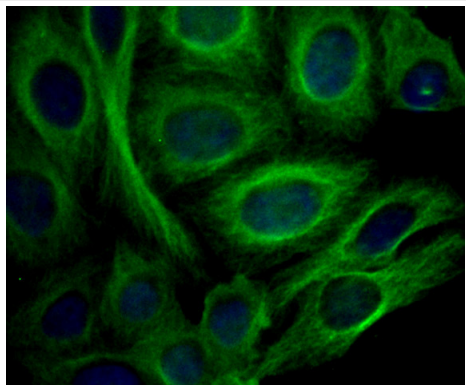
Immunohistochemical analysis of paraffin-embedded rat big intestine tissue using anti-Apolipoprotein A II antibody. Counter stained with hematoxylin.



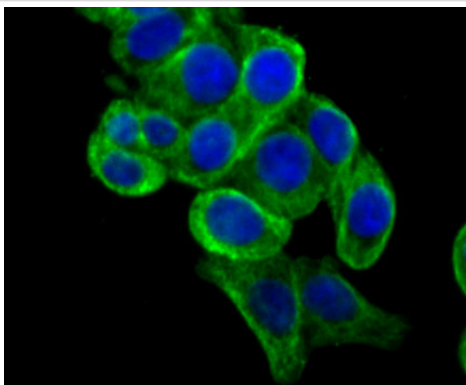
Immunohistochemical analysis of paraffin-embedded rat liver tissue using anti-Apolipoprotein A II antibody. Counter stained with hematoxylin.



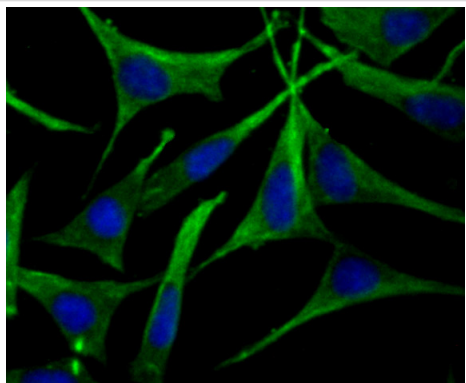
Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-Apolipoprotein A II antibody. Counter stained with hematoxylin.



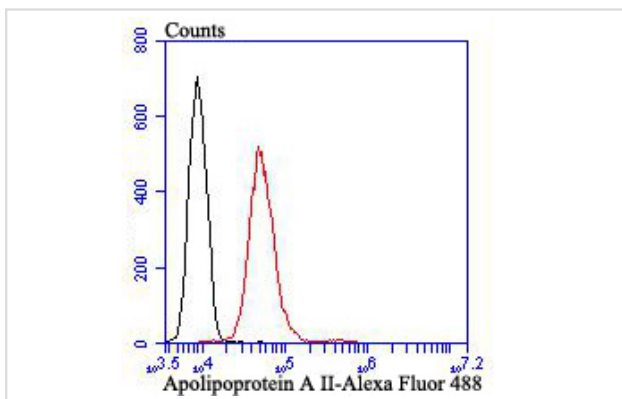
ICC staining Apolipoprotein A II in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Apolipoprotein A II in LOVO cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Apolipoprotein A II in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of HepG2 cells with Apolipoprotein A II antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.

Background

s are protein components of plasma lipoproteins. The human apoA-I gene encodes a single chain, 243 amino acid protein which promotes cholesterol efflux from tissues to the liver for excretion. Apolipoprotein A-I is the major protein component of high density lipoprotein (HDL) in the plasma. It can function as a co-factor for lecithin cholesterolacyltransferase (LCAT), which is responsible for the formation of most plasma cholesterylesters. The human apoA-II gene encodes the second most abundant protein of HDL particles, where it influences plasma levels of free fatty acids (FFA). The human apoA-IV gene encodes a 396 amino acid preprotein, which after proteolytic processing is secreted from the intestine in association with chylomicron particles. ApoA-IV is a potent activator of LCAT in vitro. The human apoA-V gene encodes a 366 amino acid protein that is believed to be an important determinant of plasma triglyceride levels.

References

Note: This product is for in vitro research use only