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**Product Name: SCARB1 Mouse Monoclonal Antibody****Catalog #: AMM82706**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ELISA,FC
<b>Reactivity</b>	Human, Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	60kDa

**Antigen Information**

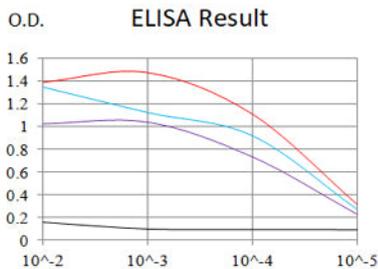
<b>Gene Name</b>	SCARB1
<b>Alternative Names</b>	CLA1; SRB1; CLA-1; SR-BI; CD36L1; HDLQTL6
<b>Gene ID</b>	949.0
<b>SwissProt ID</b>	Q8WTV0
<b>Immunogen</b>	Purified recombinant fragment of human SCARB1 (AA: Extra(33-232)) expressed in E. Coli.

**Background**

The protein encoded by this gene is a plasma membrane receptor for high density lipoprotein cholesterol (HDL). The encoded protein mediates cholesterol transfer to and from HDL. In addition, this protein is a receptor for hepatitis C virus glycoprotein E2. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2019]

## Research Area

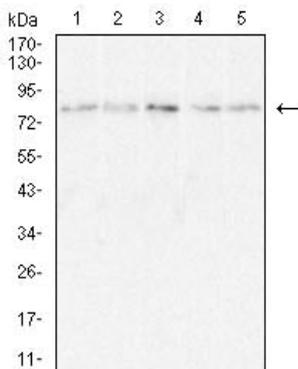
## Image Data



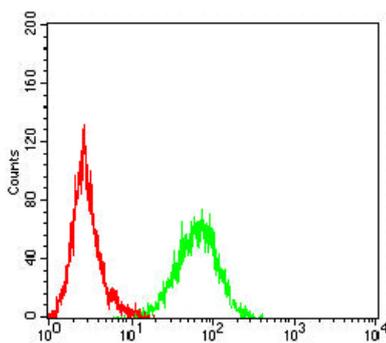
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

Serial Dilutions of Antibody

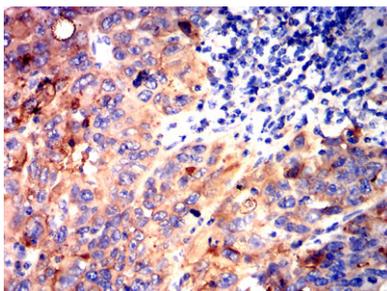
— Control Antigen = 100ng — Antigen= 10ng  
— Antigen= 50ng — Antigen= 100ng



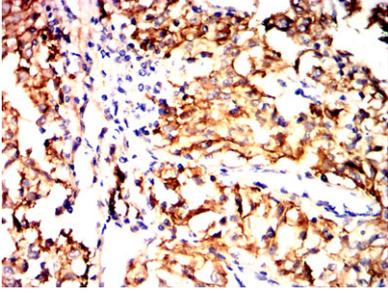
Western blot analysis using SCARB1 mouse mAb against Hela (1), U937 (2), HePG2 (3), NIH/3T3 (4), and mouse Liver (5) cell lysate.



Flow cytometric analysis of U937 cells using SCARB1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using SCARB1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human kidney cancer tissues using SCARB1 mouse mAb with DAB staining.