BT LAB
Bioassay Technology Laboratory
Optimize Your Research

SCARB1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2265
Host	Mouse
Isotype	Mouse IgG2a
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human SCARB1 (AA: Extra(33-232)) expressed in E. Coli.
Mol wt	60.8kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	CLA1;SRB1;CLA-1;SR-BI;CD36L1;HDLQTL6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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]

Recommended Dilution

WB: 1:500 - 1:2000

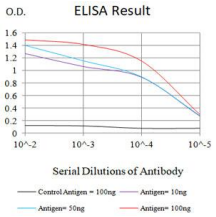
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

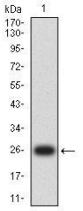
ELISA: 1:10000

Not yet tested in other applications.

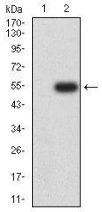
Images



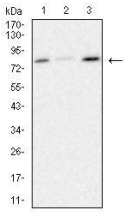
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



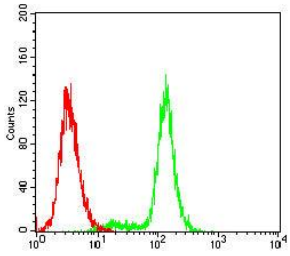
Western blot analysis using SCARB1 mAb against human SCARB1 (AA: Extra(33-232)) recombinant protein. (Expected MW is 26kDa)



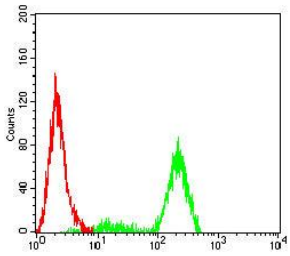
Western blot analysis using SCARB1 mAb against HEK293-6e (1) and human SCARB1 (AA: Extra(33-232))-hIgGFc transfected HEK293-6e (2) cell lysate.



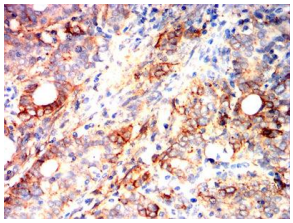
Western blot analysis using SCARB1 mouse mAb against Hela (1), U937 (2), and HePG2 (3) cell lysate.



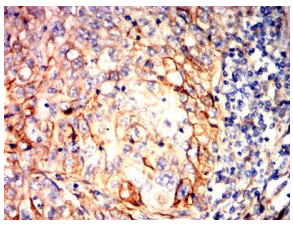
Flow cytometric analysis of BEL-7402 cells using SCARB1 mouse mAb (green) and negative control (red).



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



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



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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