SR-BI Rabbit mAb

Catalog No.: A0827

Recombinant | 6 Publications

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Basic Information

Observed MW
80kDa

Calculated MW
61kDa

Category
Monoclonal Antibodies

Applications
WB, IF-F, IF-P, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
ARC0334

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 and facilitates cell entry by the virus, SARS-CoV2.

Recommended Dilutions

WB	1:2000 - 1:10000
IF-F	1:200 - 1:400
IF-P	1:200 - 1:400
IHC-P	1:400 - 1:1600

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
949

Swiss-Prot
Q8WTV0

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CLA1; SRB1; CLA-1; SR-BI; CD36L1; HDLCQ6; HDLQTL6

Contact

400-999-6126
cn.market@abclonal.com.cn
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Product Information

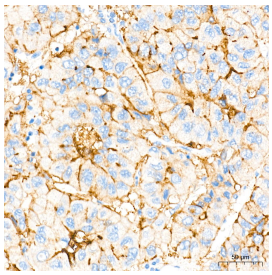
Source
Rabbit

Isotype
IgG

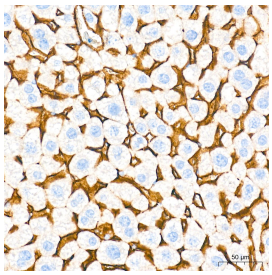
Purity
Affinity purification

Storage
Store at -20℃

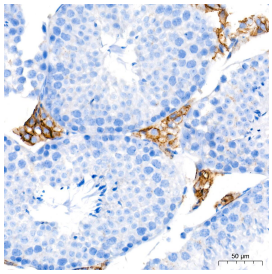
Validation Data



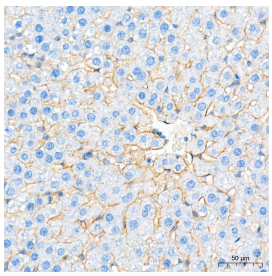
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using SR-BI Rabbit mAb (A0827) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



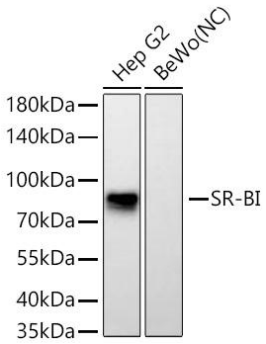
Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue using SR-BI Rabbit mAb (A0827) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse testis tissue using SR-BI Rabbit mAb (A0827) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

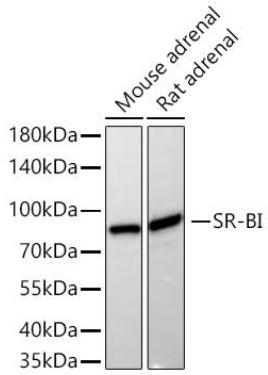


Immunohistochemistry analysis of paraffin-embedded Rat liver tissue using SR-BI Rabbit mAb (A0827) at a dilution of 1:1000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

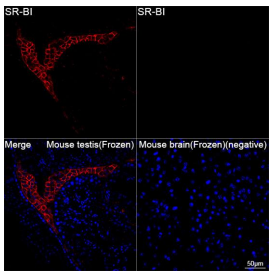


Western blot analysis of various lysates using SR-BI Rabbit mAb (A0827) at 1:2000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Negative control (NC): BeWo
Exposure time: 45s.

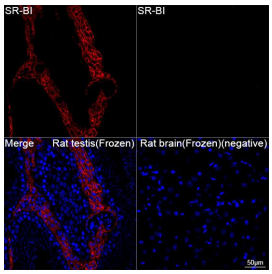
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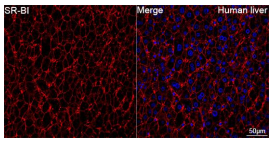
Western blot analysis of various lysates using SR-BI Rabbit mAb (A0827) at 1:2500 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Confocal imaging of frozen sections of Mouse testis tissue and Mouse brain tissue (negative) using SR-BI Rabbit mAb (A0827, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of frozen sections of Rat testis tissue and Rat brain tissue (negative) using SR-BI Rabbit mAb (A0827, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Human liver tissue using SR-BI Rabbit mAb (A0827, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.