

Product datasheet

Anti-SAA1 + SAA2 antibody [EPR19235] ab199030

Recombinant RabMAb

[7 References](#) [8 Images](#)

Overview

Product name	Anti-SAA1 + SAA2 antibody [EPR19235]
Description	Rabbit monoclonal [EPR19235] to SAA1 + SAA2
Host species	Rabbit
Tested applications	Suitable for: IHC-Fr, IP, IHC-P, WB
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Recombinant mouse SAA1 protein (aa20-122); GST and His-tagged recombinant mouse SAA2 protein (aa20-122); Mouse plasma and serum. IHC-P: Mouse liver tissue. IHC-Fr: Mouse liver tissue. IP: Mouse serum.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR19235

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab199030 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

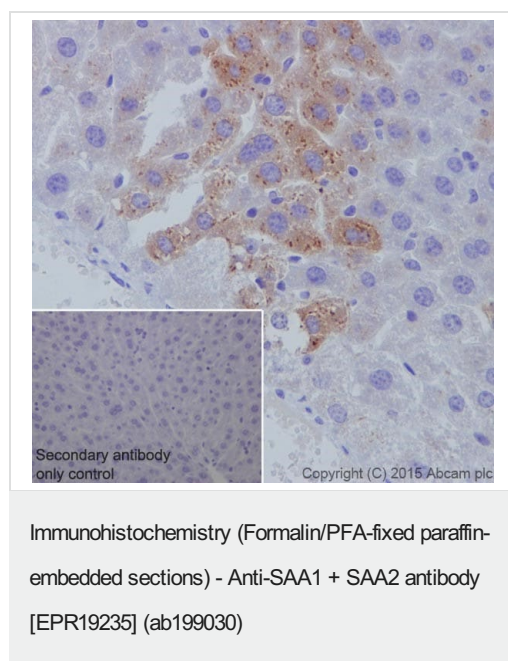
Application	Abreviews	Notes
IHC-Fr		1/100. Antigen retrieval: Heated citric acid solution (10mM citric acid pH 6.0 + 0.05% Tween-20).
IP		1/40.
IHC-P		1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/1000. Detects a band of approximately 13 kDa (predicted molecular weight: 13 kDa).

Target

Cellular localization

Secreted

Images

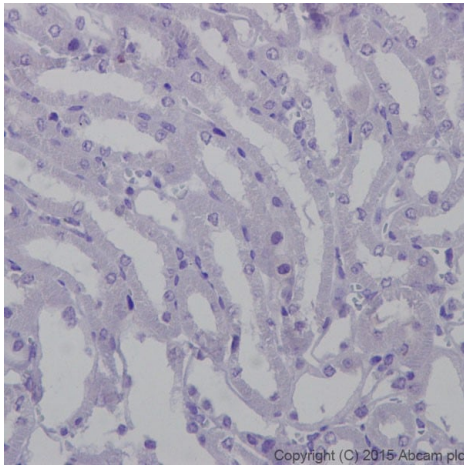


Immunohistochemical analysis of paraffin-embedded mouse liver tissue labeling SAA1 + SAA2 with ab199030 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Cytoplasm staining on mouse liver is observed.

Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SAA1 + SAA2 antibody [EPR19235] (ab199030)

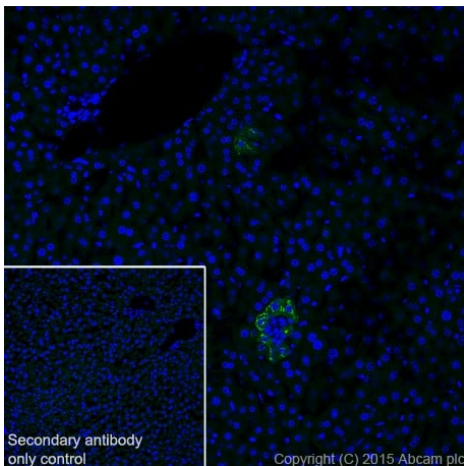
Immunohistochemical analysis of paraffin-embedded mouse kidney tissue labeling SAA1 + SAA2 with ab199030 at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution.

Negative staining on mouse kidney.

Negative control: mouse kidney (PMID:19747761; PMID:15623807).

Counter stained with Hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

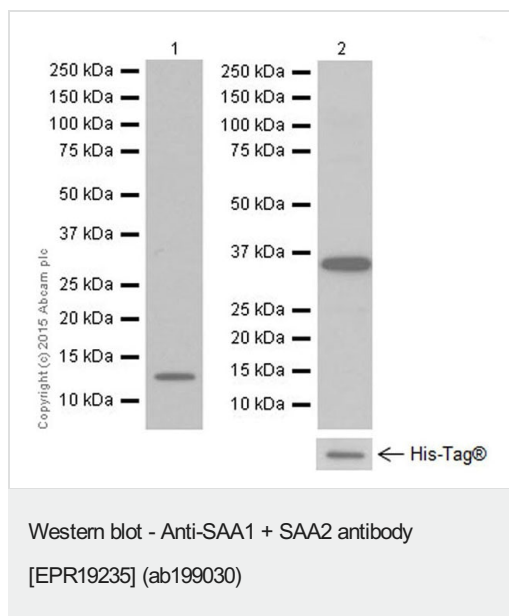


Immunohistochemistry (Frozen sections) - Anti-SAA1 + SAA2 antibody [EPR19235] (ab199030)

Immunohistochemical analysis of 4% paraformaldehyde-fixed, 0.2% Triton X-100 permeabilized frozen Mouse liver tissue labeling SAA1 + SAA2 with ab199030 at 1/100 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor[®] 488) ([ab150077](#)) secondary antibody at 1/100 dilution (green). Cytoplasmic staining on mouse liver is observed.

The nuclear counterstain is DAPI (blue).

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat anti-rabbit IgG (Alexa Fluor[®] 488) ([ab150077](#)) secondary antibody at 1/1000 dilution.



All lanes : Anti-SAA1 + SAA2 antibody [EPR19235] (ab199030) at 1/10000 dilution

Lane 1 : Recombinant mouse SAA1 protein (aa20-122) at 0.01 µg

Lane 2 : GST and His-tagged recombinant mouse SAA2 protein (aa20-122) at 0.005 µg

Secondary

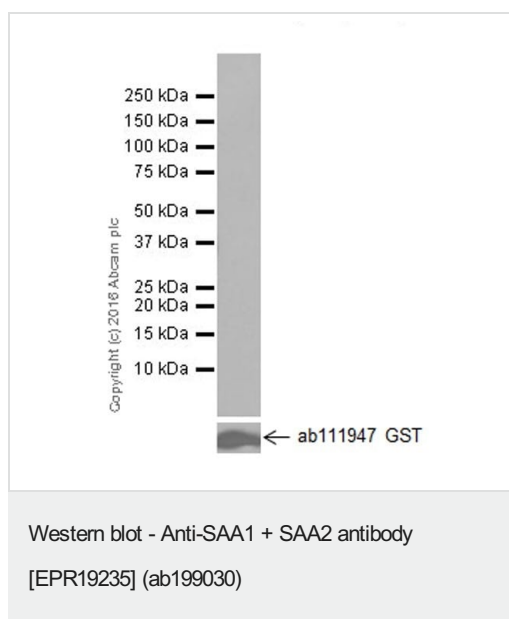
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 13 kDa

Observed band size: 13 kDa

Exposure time: 2 seconds

Blocking/Dilution buffer: 5% NFDm/TBST.



Anti-SAA1 + SAA2 antibody [EPR19235] (ab199030) at 1/2000 dilution + GST and His-tagged recombinant mouse SAA3 protein (aa1-122) at 0.01 µg

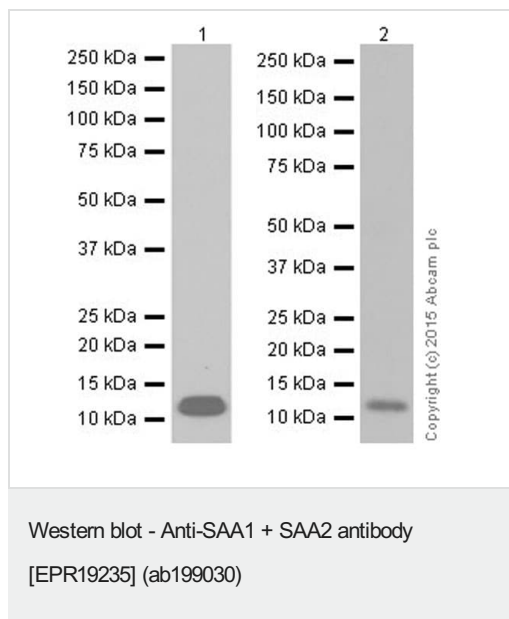
Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 13 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDm/TBST.



All lanes : Anti-SAA1 + SAA2 antibody [EPR19235] (ab199030)
at 1/1000 dilution

Lane 1 : Mouse plasma

Lane 2 : Mouse serum

Lysates/proteins at 10 µg per lane.

Secondary

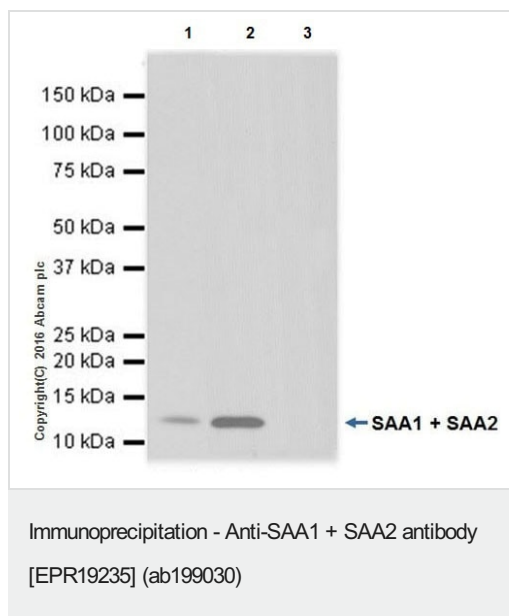
All lanes : Goat Anti-Rabbit IgG Peroxidase Conjugate, specific to
the non-reduced form of IgG at 1/10000 dilution

Predicted band size: 13 kDa

Observed band size: 13 kDa

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time: Lane 1: 10 seconds; Lane 2: 30 seconds.



SAA1 + SAA2 was immunoprecipitated from 1 mg of mouse serum
with ab199030 at 1/40 dilution. Western blot was performed from
the immunoprecipitate using ab199030 at 1/1000 dilution. VeriBlot
for IP Detection Reagent (HRP) (**ab131366**), was used for
detection at 1/10000 dilution.

Lane 1: Mouse serum 10 µg (Input).

Lane 2: ab199030 IP in mouse serum.

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of ab199030 in
mouse serum.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 3 seconds.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-SAA1 + SAA2 antibody [EPR19235]
(ab199030)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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