

Product datasheet

Anti-SAA1 + SAA2 antibody [EPR19550] - BSA and Azide free ab251476

Recombinant RabMAb

6 Images

Overview

Product name	Anti-SAA1 + SAA2 antibody [EPR19550] - BSA and Azide free
Description	Rabbit monoclonal [EPR19550] to SAA1 + SAA2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human, Recombinant fragment
Immunogen	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab251476 is the carrier-free version of ab207445.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR19550
Isotype	IgG

Applications

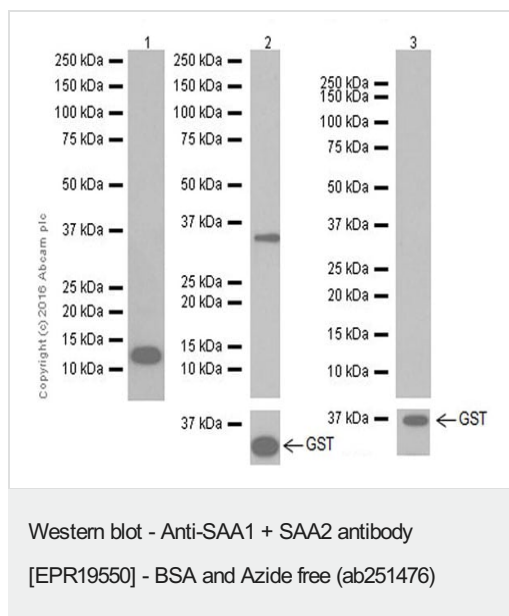
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab251476 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 13 kDa (predicted molecular weight: 13 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Cellular localization	Secreted
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Images



All lanes : Anti-SAA1 + SAA2 antibody [EPR19550] ([ab207445](#))

at 1/1000 dilution

Lane 1 : Human SAA1 active recombinant protein

Lane 2 : Human SAA2 fragment recombinant protein

Lane 3 : Human SAA4 fragment recombinant protein

Lysates/proteins at 0.01 µg per lane.

Secondary

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

1/100000 dilution

Predicted band size: 13 kDa

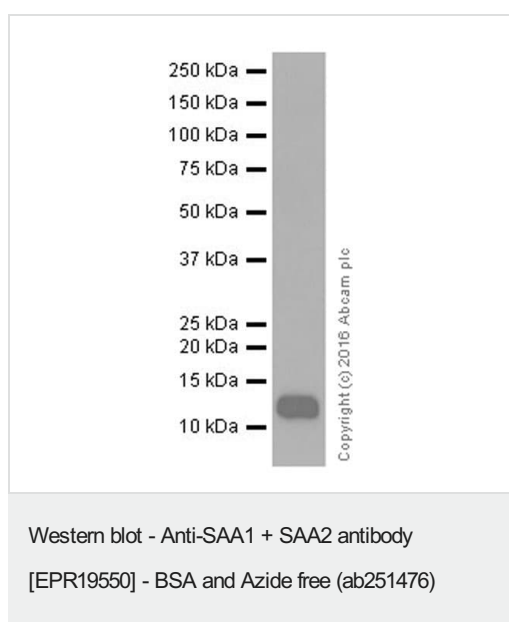
Observed band size: 13,35 kDa

Exposure time: 3 minutes

This data was developed using [ab207445](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.

Human SAA2 and SAA4 fragment recombinant protein contain aa19-122 and aa19-130 with His-Tag® and GST-tag.



Anti-SAA1 + SAA2 antibody [EPR19550] ([ab207445](#)) at 1/5000 dilution + Human serum at 20 µg

Secondary

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

Predicted band size: 13 kDa

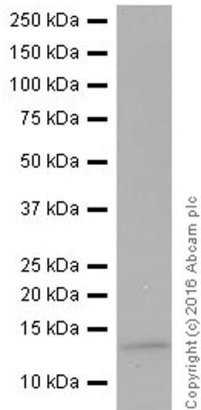
Observed band size: 13 kDa

Exposure time: 3 minutes

This data was developed using [ab207445](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.

Expressed by the liver; secreted in plasma and serum (PMID: 3183061; 16039662).



Western blot - Anti-SAA1 + SAA2 antibody [EPR19550] - BSA and Azide free (ab251476)

Anti-SAA1 + SAA2 antibody [EPR19550] ([ab207445](#)) at 1/1000 dilution + Human liver lysate at 20 µg

Secondary

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

Predicted band size: 13 kDa

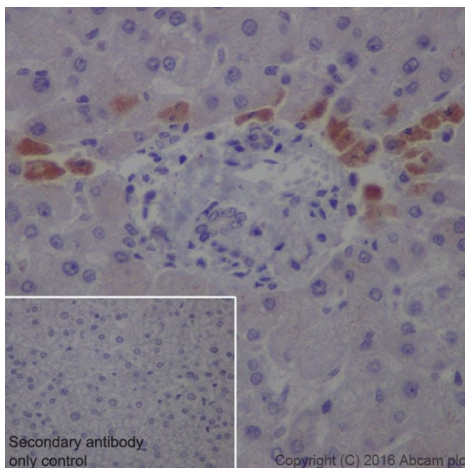
Observed band size: 13 kDa

Exposure time: 3 minutes

This data was developed using [ab207445](#), the same antibody clone in a different buffer formulation.

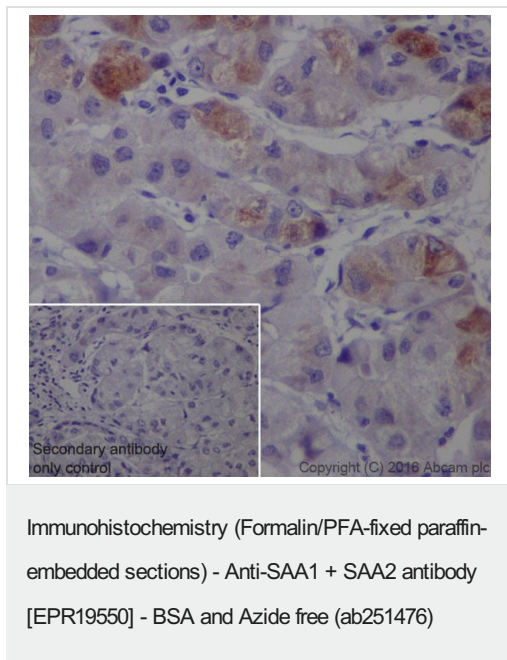
Blocking and dilution buffer: 5% NFDM/TBST.

Expressed by the liver; secreted in plasma and serum (PMID: 3183061; 16039662).






Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SAA1 + SAA2 antibody [EPR19550] - BSA and Azide free (ab251476)

This data was developed using [ab207445](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded human liver tissue labeling SAA1+SAA2 with [ab207445](#) at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution. Cytoplasmic staining on human 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.



This data was developed using **ab207445**, the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded human liver cancer tissue labeling SAA1+SAA2 with **ab207445** at 1/1000 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Cytoplasmic staining on human liver cancer 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.

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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