abcam

ab281565

Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Carrier free	Yes
Clone number	EPR24159-81
Purification technique	Affinity purification Protein A
Concentration	0.999 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IHC-P

Tested

Species	Human, Transfected cell line
Dilution info	-

Notes	-

Not recommended

Species	Mouse, Rat
Dilution info	-
Notes	-

Dot

Tested

Species	Human
Dilution info	-
Notes	-

Not recommended

Species	Transfected cell line, Mouse, Rat
Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Transfected cell line
Dilution info	-
Notes	-

Expected

Species	Human
Dilution info	Use at an assay dependent concentration.
Notes	-

Not recommended

Species	Mouse, Rat
Dilution info	-
Notes	-

WB

Not recommended

Species	Human, Mouse, Rat, Transfected cell line
Dilution info	-
Notes	-

ICC/IF

Not recommended

Species	Human, Transfected cell line, Mouse, Rat
Dilution info	-
Notes	-

IP

Not recommended

Species	Human, Transfected cell line, Mouse, Rat
Dilution info	-
Notes	-

Target data

See full target information SS18-SSX Fusion Protein

Storage

Shipped at conditions	Blue Ice

Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C

Notes

ab281565 is the carrier-free version of ab254406.

Patented technology

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

What are the advantages of a recombinant monoclonal antibody?

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Conjugation ready

Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. 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.

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.

Compatibility

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.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

We do not recommend this combination. It is not covered by our product promise.

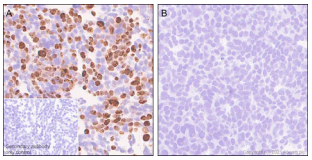
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

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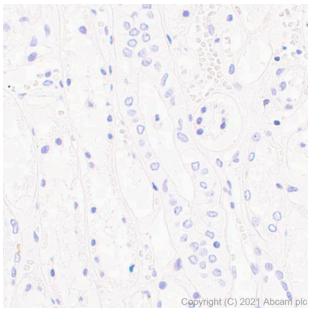
7 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free (ab281565)

SS18-SSX Fusion Protein Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-SS18-SSX Fusion Protein antibody

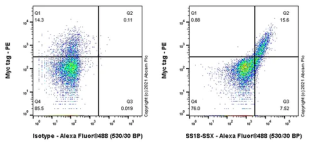
This image was produced using ab254406 the same clone but in a different formulation. Immunohistochemical analysis of paraffin-embedded (Panel A) HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) transfected with SSXT-SSX2 labeled 6X His tag and (Panel B) HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) transfected with an empty plasmid. labeling SS18-SSX Fusion Protein with ab254406 at 1/5000 (0.118 µg/ml) followed by LeicaDS9800 (Bond™ Polymer Refine Detection). The section was incubated with ab254406 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin. Nuclear staining on (A) HEK-293T transfected with SSXT-SSX2 labeled 6X His tag, no staining on (B) HEK-293T transfected with an empty plasmid.
Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free (ab281565)

SS18-SSX Fusion Protein Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-SS18-SSX Fusion Protein antibody

This image was produced using ab254406 the same clone but in a different formulation. Immunohistochemical analysis of paraffin-embedded human kidney tissue labeling SS18-SSX Fusion Protein with ab254406 at 1/5000 (0.118 µg/ml) followed by LeicaDS9800 (Bond™ Polymer Refine Detection). The section was incubated with ab254406 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.
Negative control: No staining on human kidney.
Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins.

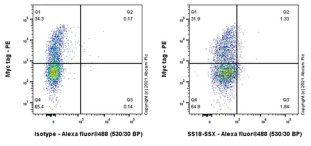


Flow Cytometry (Intracellular) - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free (ab281565)

SS18-SSX Fusion Protein Flow Cytometry (Intracellular) staining using rabbit Anti-SS18-SSX Fusion Protein antibody

This image was produced using ab254406 the same clone but in a different formulation.
Flow Cytometry analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized HEK-293T (Human embryonic kidney epithelial cell) transfected with myc-tagged SSX18-SSX2 fusion construct (right panel) stained for SS18-SSX Fusion Protein using ab254406 at a 1/5000 dilution (0.01 µg), followed by Goat anti rabbit IgG (Alexa Fluor® 488, ab150077) at a 1/2000 dilution.

Isotype control (left panel) is Rabbit monoclonal IgG (ab172730).

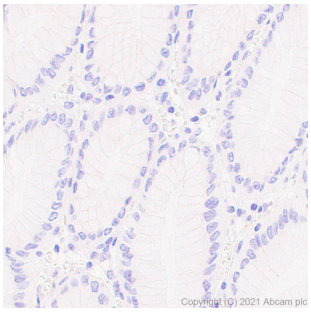


Flow Cytometry (Intracellular) - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free (ab281565)

SS18-SSX Fusion Protein Flow Cytometry (Intracellular) staining using rabbit Anti-SS18-SSX Fusion Protein antibody

This image was produced using ab254406 the same clone but in a different formulation.
Flow Cytometry analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized HEK-293T (Human embryonic kidney epithelial cell) transfected with myc tagged non-fused SS18+SSX1+SSX2+SSX4 constructs (right panel) stained for SS18-SSX Fusion Protein using ab254406 at a 1/5000 dilution (0.01 µg), followed by Goat anti rabbit IgG (Alexa Fluor® 488, ab150077) at a 1/2000 dilution.

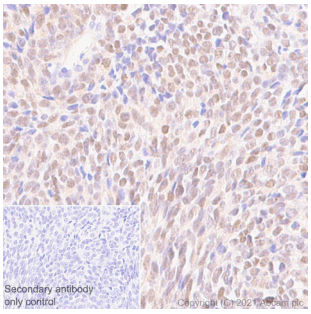
Isotype control (left panel) is Rabbit monoclonal IgG (ab172730).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free (ab281565)

SS18-SSX Fusion Protein Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-SS18-SSX Fusion Protein antibody

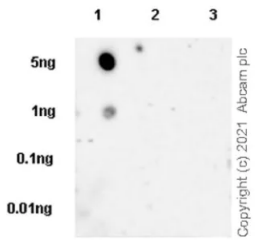
This image was produced using ab254406 the same clone but in a different formulation. Immunohistochemical analysis of paraffin-embedded human stomach tissue labeling SS18-SSX Fusion Protein with ab254406 at 1/5000 (0.118 µg/ml) followed by LeicaDS9800 (Bond™ Polymer Refine Detection). The section was incubated with ab254406 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.
Negative control: No staining on human stomach.
Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free (ab281565)

SS18-SSX Fusion Protein Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-SS18-SSX Fusion Protein antibody

This image was produced using ab254406 the same clone but in a different formulation. Immunohistochemical analysis of paraffin-embedded human synovial sarcoma tissue labeling SS18-SSX Fusion Protein with ab254406 at 1/5000 (0.118 µg/ml) followed by LeicaDS9800 (Bond™ Polymer Refine Detection). The section was incubated with ab254406 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin.
Nuclear staining on human synovial sarcoma (PMID: 32141887).
Heat mediated antigen retrieval with Citrate buffer (pH 6.0, epitope retrieval solution 1) for 20 mins.



Dot Blot - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] - BSA and Azide free (ab281565)

SS18-SSX Fusion Protein Dot Blot staining using rabbit Anti-SS18-SSX Fusion Protein antibody

This image was produced using ab254406 the same clone but in a different formulation.
Dot Blot - Anti-SS18-SSX Fusion Protein antibody [EPR24159-81] (ab254406 used at a 1/1000 dilution (0.592 µg/ml)).

Lane 1: Human SS18 + SSX(1/2/4) fusion peptide

Lane 2: Human SS18 peptide

Lane 3: Human SSX(1/2/4) peptide

Blocking/Dilution buffer: 5% NFDM/TBST.

Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ab97051) at a 1/100000 dilution.

Exposure time is 3 mins.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.