

# Anti-SerpinB3/SCCA + SerpinB4/SCCA-2 antibody [EPR22455-57] - BSA and Azide free ab255272

Recombinant RabMAb

3 Images

## Overview

<b>Product name</b>	Anti-SerpinB3/SCCA + SerpinB4/SCCA-2 antibody [EPR22455-57] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR22455-57] to SerpinB3/SCCA + SerpinB4/SCCA-2 - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> Flow Cyt, ICC/IF or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: A431 whole cell lysate. Human fetal lung tissue lysate. IHC-P: Human pancreatic carcinoma and ovarian cancer tissue.
<b>General notes</b>	ab255272 is the carrier-free version of <a href="#">ab254255</a> .

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.

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.

This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.

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 production

For more information [see here](#).

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

## 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	EPR22455-57
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab255272 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

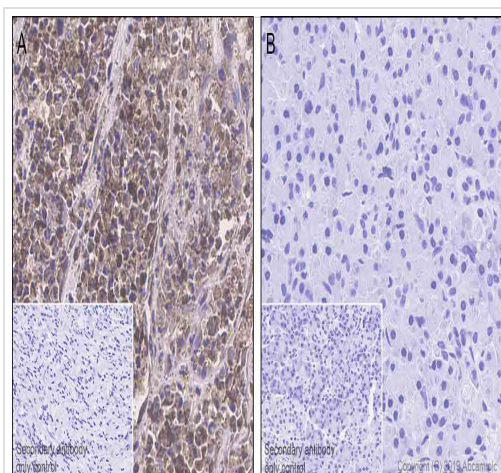
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Detects a band of approximately 45 kDa (predicted molecular weight: 45 kDa).
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

**Application notes** Is unsuitable for Flow Cyt, ICC/IF or IP.

## Target

**Cellular localization** SerpinB3/SCCA: Cytoplasm. Seems to also be secreted in plasma by cancerous cells but at a low level. SerpinB4/SCCA-2: Cytoplasm. Seems to also be secreted in plasma by cancerous cells but at a low level.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SerpinB3/SCCA antibody [EPR22455-57] - BSA and Azide free (ab255272)

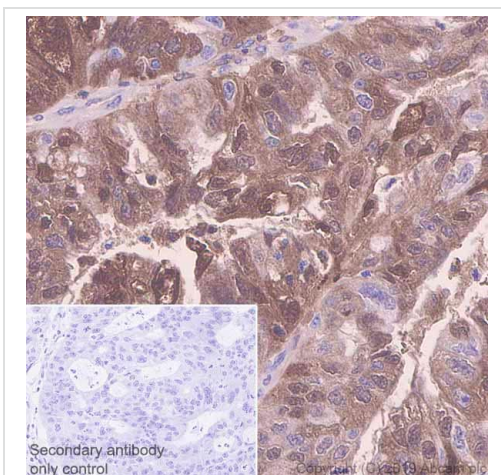
Immunohistochemical analysis of paraffin-embedded human pancreatic carcinoma and the paired adjacent pancreas labeling SerpinB3/SCCA with **ab254255** at 1/500 dilution, followed by ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on human pancreatic carcinoma (panel A) and no staining on the paired adjacent pancreas (panel B, PMID: 24759783) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

The section was incubated with **ab254255** for 30 mins at RT. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab254255**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SerpinB3/SCCA antibody [EPR22455-57] - BSA and Azide free (ab255272)

Immunohistochemical analysis of paraffin-embedded human ovarian cancer labeling SerpinB3/SCCA with **ab254255** at 1/500 dilution, followed by ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Positive staining on ovarian cancer (PMID: 23185467) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

The section was incubated with **ab254255** for 30 mins at RT.

The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and

sodium azide (**ab254255**).

Why choose a recombinant antibody?

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

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[EPR22455-57] - BSA and Azide free (ab255272)

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

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