

## Product datasheet

### Anti-SPINK1/P12 antibody [SP166] ab183347

Recombinant RabMAb

3 Images

#### Overview

<b>Product name</b>	Anti-SPINK1/P12 antibody [SP166]
<b>Description</b>	Rabbit monoclonal [SP166] to SPINK1/P12
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein corresponding to Human SPINK1/P12 aa 1 to the C-terminus. Without signal peptide. Database link: <a href="#">P00995</a>
<b>Positive control</b>	Human prostate adenocarcinoma tissue; Human pancreas lysate
<b>General notes</b>	<p>Cow: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p><b>This product is FOR RESEARCH USE ONLY. For commercial use, please contact <a href="mailto:partnerships@abcam.com">partnerships@abcam.com</a>.</b></p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	<p>pH: 7.60</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
<b>Purity</b>	Protein A/G purified
<b>Purification notes</b>	Purified from TCS by protein A/G.

Clonality	Monoclonal
Clone number	SP166
Isotype	IgG

### Applications

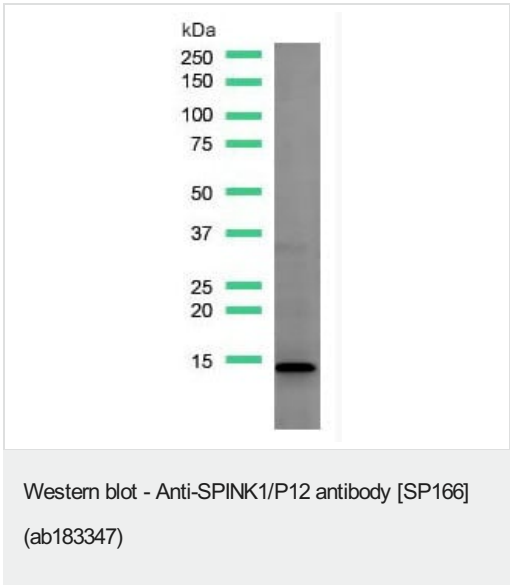
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab183347 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100. Predicted molecular weight: 8 kDa.
IHC-P		1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

### Target

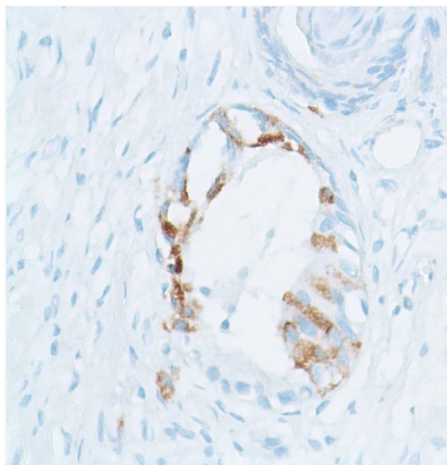
Function	<p>Serine protease inhibitor which exhibits anti-trypsin activity (PubMed:7142173). In the pancreas, protects against trypsin-catalyzed premature activation of zymogens.</p> <p>In the male reproductive tract, binds to sperm heads where it modulates sperm capacitance by inhibiting calcium uptake and nitrogen oxide (NO) production.</p>
Involvement in disease	<p>Pancreatitis, hereditary</p> <p>Tropical calcific pancreatitis</p>
Sequence similarities	Contains 1 Kazal-like domain.
Cellular localization	Secreted.

### Images



Anti-SPINK1/P12 antibody [SP166] (ab183347) at 1/100 dilution + Human pancreas lysate

**Predicted band size:** 8 kDa



Immunohistochemical analysis of paraffin embedded Human prostate adenocarcinoma tissue labeling SPINK1/P12 with ab183347 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SPINK1/P12 antibody [SP166] (ab183347)

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-SPINK1/P12 antibody [SP166] (ab183347)

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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors