

## Product datasheet

# Anti-SGSM1/RUTBC2 antibody [EPR11563] ab171943

Recombinant RabMAb

4 Images

### Overview

<b>Product name</b>	Anti-SGSM1/RUTBC2 antibody [EPR11563]
<b>Description</b>	Rabbit monoclonal [EPR11563] to SGSM1/RUTBC2
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), WB, ICC/IF <b>Unsuitable for:</b> IHC or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide within Human SGSM1/RUTBC2 aa 1-100 (N terminal) (Cysteine residue). The exact sequence is proprietary. Database link: <a href="#">Q2NKQ1</a>
<b>Positive control</b>	Human fetal brain, Human fetal kidney and Human fetal heart tissue lysates, U87 MG cell line lysate, 293T cells.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .

### 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>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant

<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR11563
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab171943 in the following tested applications.

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

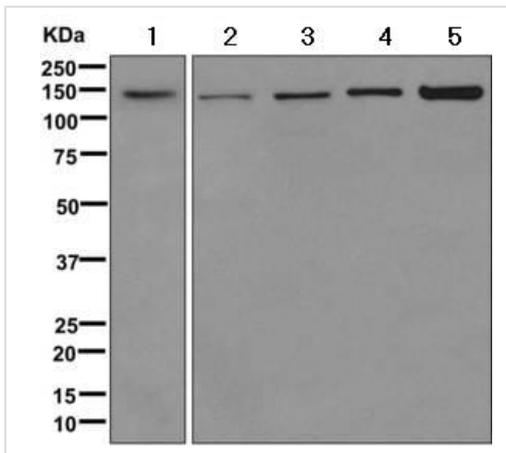
Application	Abreviews	Notes
<b>Flow Cyt (Intra)</b>		1/10 - 1/100. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
<b>WB</b>		1/1000 - 1/5000. Predicted molecular weight: 129 kDa.
<b>ICC/IF</b>		1/100 - 1/250.

**Application notes** Is unsuitable for IHC or IP.

## Target

<b>Tissue specificity</b>	Mainly expressed in brain, heart and testis.
<b>Sequence similarities</b>	Belongs to the RUTBC family. Contains 1 Rab-GAP TBC domain. Contains 1 RUN domain.
<b>Cellular localization</b>	Golgi apparatus, trans-Golgi network.

## Images



Western blot - Anti-SGSM1/RUTBC2 antibody [EPR11563] (ab171943)

**All lanes :** Anti-SGSM1/RUTBC2 antibody [EPR11563] (ab171943) at 1/1000 dilution

**Lane 1 :** Human fetal brain tissue lysate

**Lane 2 :** Human fetal kidney tissue lysate

**Lane 3 :** Human fetal heart tissue lysate

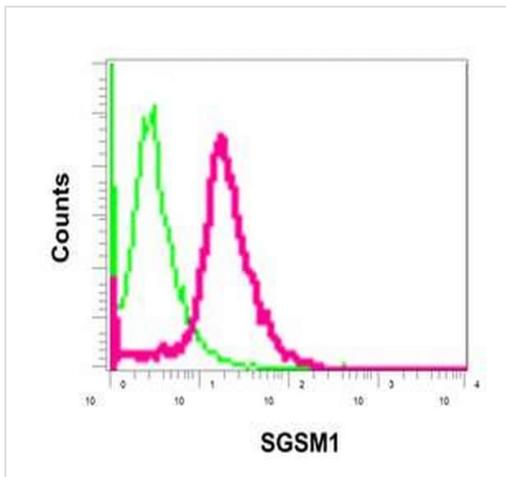
**Lane 4 :** U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate

**Lane 5 :** 293T (Human embryonic kidney epithelial cell) cell lysate

Lysates/proteins at 10 µg per lane.

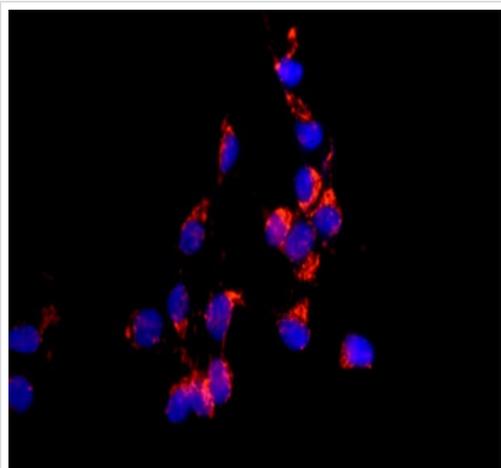
Developed using the ECL technique.

**Predicted band size:** 129 kDa



Flow Cytometry (Intracellular) - Anti-SGSM1/RUTBC2 antibody [EPR11563] (ab171943)

Intracellular flow cytometric analysis of permeabilized 293T cells labelling SGSM1/RUTBC2 with ab171943 at 1/10 (red) or a rabbit IgG (negative) (green).



Immunofluorescent analysis of 293T cells labeling SGSM1/RUTBC2 with ab171943 at 1/100 (red). DAPI nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Anti-SGSM1/RUTBC2 antibody [EPR11563] (ab171943)

### 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-SGSM1/RUTBC2 antibody [EPR11563] (ab171943)

**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