

### Anti-SRSF3 antibody [EPR16976] ab198291

**重组** RabMAb

★★★★★ **5 Abreviews** **15 References** **8 图像**

#### 概述

|       |   |
|-------|---|
| 产品名称  | Anti-SRSF3抗体[EPR16976]  |
| 描述    | 兔单克隆抗体[EPR16976] to SRSF3   |
| 宿主    | Rabbit  |
| 经测试应用 | <b>适用于:</b> WB, IHC-P, ICC/IF, Flow Cyt (Intra)   |
| 种属反应性 | <b>与反应:</b> Mouse, Rat, Human   |
| 免疫原   | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.   |
| 阳性对照  | WB: Jurkat, HepG2, C6, RAW 264.7, PC-12, NIH/3T3 and K562 whole cell lysates. Mouse and Rat brain lysates. IHC-P: Human cervix carcinoma and Human cerebral cortex tissue. Mouse liver tissue. ICC/IF: HeLa, and PC-12 cells. Flow Cyt (intra): Jurkat cells.   |
| 常规说明  | <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>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>.</p> |

#### 性能

|      |  |
|------|--|
| 形式   | Liquid   |
| 存放说明 | 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.  |
| 存储溶液 | <p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p> |
| 纯度   | Protein A purified   |
| 克隆   | 单克隆  |
| 克隆编号 | EPR16976   |

同种型IgG

应用

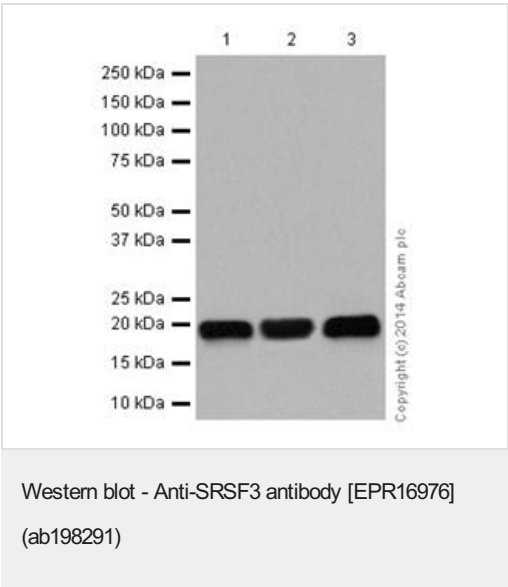
The Abpromise guarantee      **Abpromise™**承诺保证使用ab198291于以下的经测试应用  
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用               | Ab评论      | 说明  |
|------------------|-----------|---|
| WB               | ★★★★★ (2) | 1/1000. Detects a band of approximately 19 kDa (predicted molecular weight: 19 kDa).                                      |
| IHC-P            |           | 1/250. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |
| ICC/IF           | ★★★★★ (2) | 1/500.  |
| Flow Cyt (Intra) |           | 1/250.<br><b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.          |

靶标

|       |  |
|-------|--|
| 功能    | May be involved in RNA processing in relation with cellular proliferation and/or maturation. |
| 序列相似性 | Belongs to the splicing factor SR family.<br>Contains 1 RRM (RNA recognition motif) domain.  |
| 翻译后修饰 | Extensively phosphorylated on serine residues in the RS domain.                              |
| 细胞定位  | Nucleus.   |

图片



**All lanes :** Anti-SRSF3 antibody [EPR16976] (ab198291) at 1/5000 dilution

**Lane 1 :** Jurkat (Human T cell leukemia cells from peripheral blood) whole cell lysate

**Lane 2 :** HepG2 (Human liver hepatocellular carcinoma) whole cell lysate

**Lane 3 :** K562 (Human chronic myelogenous leukemia cells from bone marrow) whole cell lysate

Lysates/proteins at 20 µg per lane.

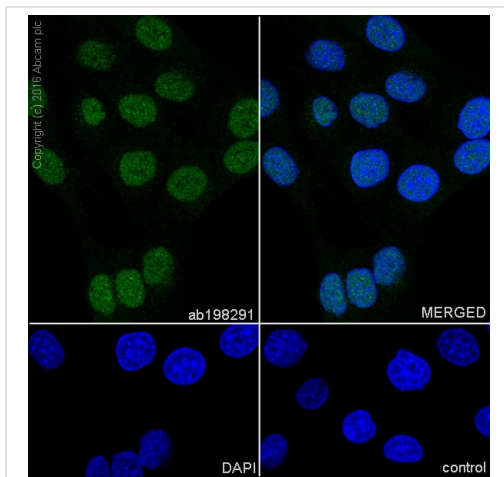
**Secondary**  
**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at

1/1000 dilution

**Predicted band size:** 19 kDa

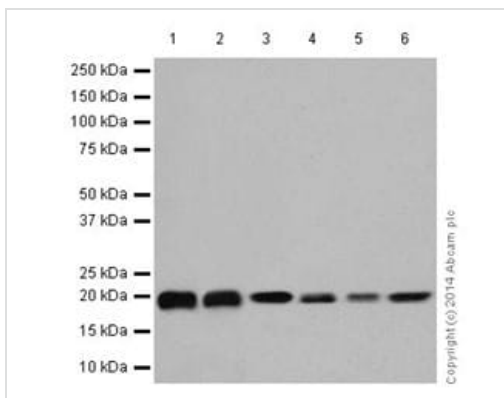
**Observed band size:** 19 kDa

Blocking/dilution buffer: 5% NFDM/TBST.



Immunocytochemistry/ Immunofluorescence - Anti-SRSF3 antibody [EPR16976] (ab198291)

Immunocytochemistry/Immunofluorescence analysis of PC-12 (Rat adrenal gland pheochromocytoma cell line) labelling SRSF3 with purified ab198291 at 1/500. Cells were fixed with 4% PFA and permeabilized with 0.1% triton X-100. **ab150077** Goat anti rabbit IgG (Alexa Fluor® 488) at 1/1000 was used as the secondary antibody. Nuclei were counterstained with DAPI. PBS was used instead of the primary antibody as the negative control.



Western blot - Anti-SRSF3 antibody [EPR16976] (ab198291)

**All lanes :** Anti-SRSF3 antibody [EPR16976] (ab198291) at 1/1000 dilution

**Lane 1 :** Mouse brain lysate

**Lane 2 :** Rat brain lysate

**Lane 3 :** C6 (Rat glial tumor) whole cell lysate

**Lane 4 :** RAW 264.7(Mouse macrophage cells transformed with Abelson murine leukemia virus) whole cell lysate

**Lane 5 :** PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

**Lane 6 :** NIH/3T3 (Mouse embryo fibroblast cells) whole cell lysate

Lysates/proteins at 10 µg per lane.

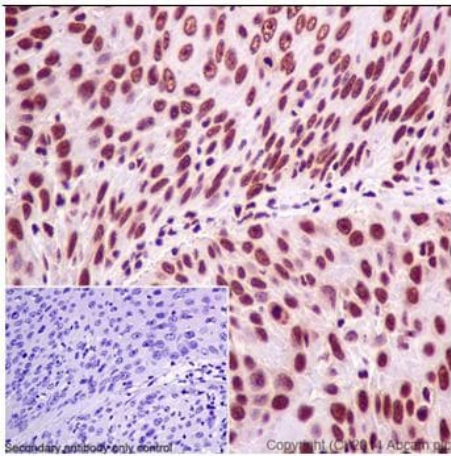
### Secondary

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 19 kDa

**Observed band size:** 19 kDa

Blocking/dilution buffer: 5% NFDm/TBST.

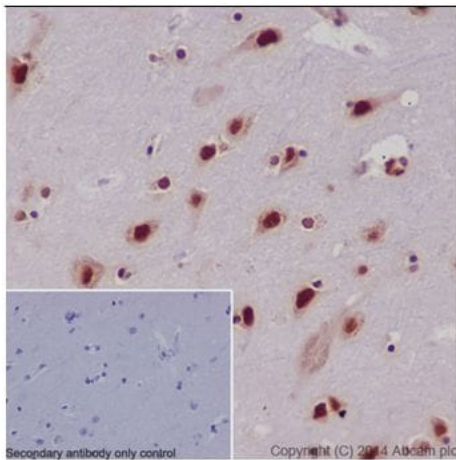


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SRSF3 antibody [EPR16976] (ab198291)

Immunohistochemical analysis of paraffin-embedded Human cervix carcinoma tissue labeling SRSF3 with ab198291 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution. Nuclear staining on Human cervix carcinoma tissue is observed. Counter stained with Hematoxylin.

Negative control: Used PBS instead of primary ab.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

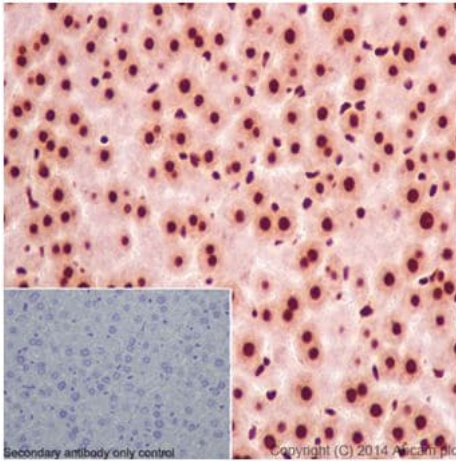


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SRSF3 antibody [EPR16976] (ab198291)

Immunohistochemical analysis of paraffin-embedded Human cerebral cortex tissue labeling SRSF3 with ab198291 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution. Nuclear and weakly cytoplasm staining on Human cerebral cortex tissue is observed. Counter stained with Hematoxylin.

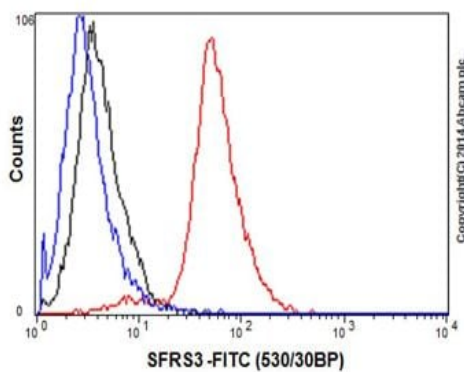
Negative control: Used PBS instead of primary ab.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SRSF3 antibody [EPR16976] (ab198291)

Immunohistochemical analysis of paraffin-embedded Mouse liver tissue labeling SRSF3 with ab198291 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution. Nuclear and weakly cytoplasm staining on mouse liver tissue is observed. Counter stained with Hematoxylin. Negative control: Used PBS instead of primary ab. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-SRSF3 antibody [EPR16976] (ab198291)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat (Human T Cell Leukemia cells from peripheral blood) labeling SRSF3 with ab198291 at 1/440 dilution (red) compared with a Rabbit monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody.

### Why choose a recombinant antibody?



**Research with confidence**  
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**Long-term and scalable supply**  
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**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
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Anti-SRSF3 antibody [EPR16976] (ab198291)

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