


## Product datasheet

### Anti-FAM50A/XAP5 antibody [EPR12817] $\alpha$ b178683

Recombinant RabMAb

3 Images

#### Overview

<b>Product name</b>	Anti-FAM50A/XAP5 antibody [EPR12817]
<b>Description</b>	Rabbit monoclonal [EPR12817] to FAM50A/XAP5
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF <b>Unsuitable for:</b> Flow Cyt, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	HeLa, 293T, Jurkat and HepG2 cell lysates; HepG2 cells.
<b>General notes</b>	<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>

#### 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

Clone number                      EPR12817

Isotype                                IgG

## Applications

**The Abpromise guarantee**                      Our **Abpromise guarantee** covers the use of ab178683 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		1/1000 - 1/5000. Predicted molecular weight: 40 kDa.
ICC/IF		1/100 - 1/250.

**Application notes**                                Is unsuitable for Flow Cyt, IHC-P or IP.

## Target

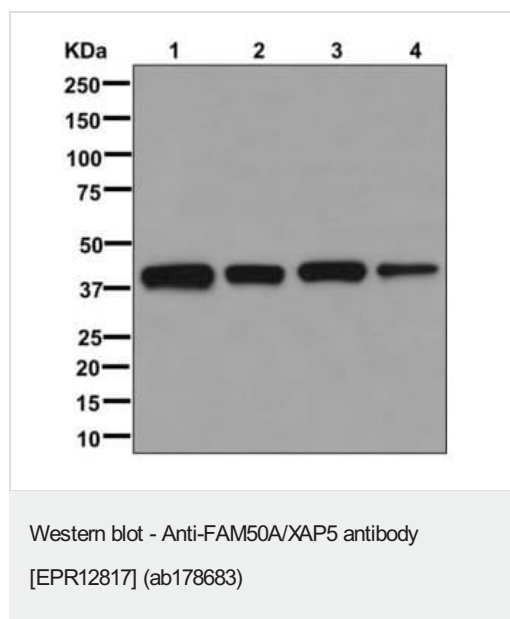
**Function**    May be a DNA-binding protein or transcriptional factor.

**Tissue specificity**                                Expressed in all tissues examined. Mostly abundant in fetal brain, liver and kidney; in the adult, high levels were also observed in heart, skeletal muscle, spleen, thymus, prostate and small intestine.

**Sequence similarities**                            Belongs to the FAM50 family.

**Cellular localization**                            Nucleus.

## Images

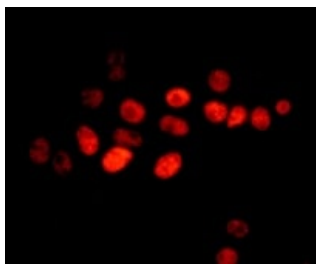


**All lanes :** Anti-FAM50A/XAP5 antibody [EPR12817] (ab178683) at 1/1000 dilution

**Lane 1 :** HeLa cell lysates  
**Lane 2 :** 293T cell lysates  
**Lane 3 :** Jurkat cell lysates  
**Lane 4 :** HepG2 cell lysates

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 40 kDa



Immunofluorescent analysis of HepG2 cells labeling FAM50A/XAP5 with ab178683 at 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-FAM50A/XAP5 antibody [EPR12817] (ab178683)

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-FAM50A/XAP5 antibody [EPR12817] (ab178683)

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

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- 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

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