

### Anti-JunB antibody [EPR6518] ab128878

重组 RabMAb

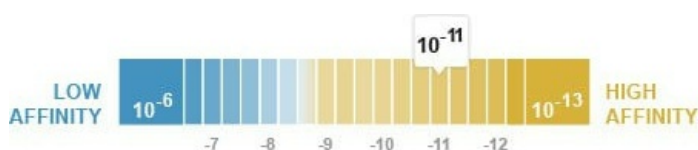
#### 9 References 9 图像

#### 概述

产品名称	Anti-JunB抗体[EPR6518]
描述	兔单克隆抗体[EPR6518] to JunB
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IP, ICC/IF <b>不适用于:</b> Flow Cyt or IHC-P
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide within Human JunB (N terminal). The exact sequence is proprietary. Database link: <b>P17275</b>
阳性对照	WB: MCF7, Human tonsil, Human uterus cancer, mouse uterus, rat lung, rat spleen, HeLa and HACAT lysates ICC/IF: HeLa, and MCF7 cells. IP: HeLa cells.
常规说明	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® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a> .

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
解离常数 ( $K_D$ )	$K_D = 9.30 \times 10^{-11}$ M



[Learn more about  \$K\_D\$](#)

存储溶液	pH: 7.20
------	----------

	Preservative: 0.01% Sodium azide
	Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR6518
同种型	IgG

应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab128878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。

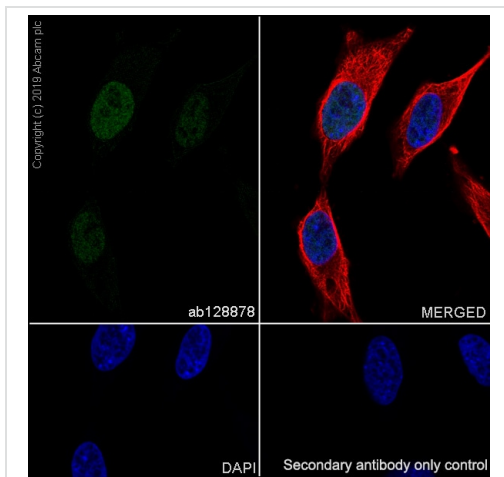
应用	Ab评论	说明
WB		1/200. Predicted molecular weight: 36 kDa.
IP		1/10 - 1/100.
ICC/IF		1/200.

**应用说明**      Is unsuitable for Flow Cyt or IHC-P.

靶标

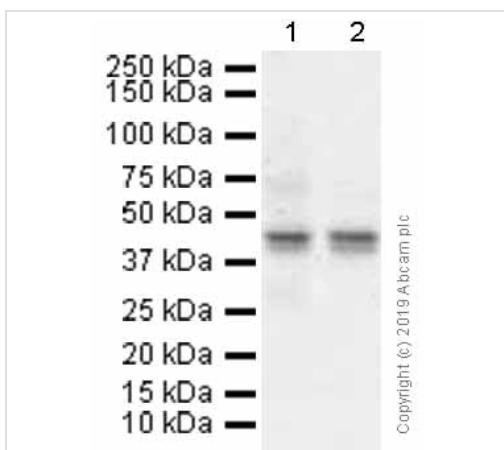
功能	Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'.
序列相似性	Belongs to the bZIP family. Jun subfamily. Contains 1 bZIP domain.
翻译后修饰	Ubiquitinated by ITCH, leading to its degradation.
细胞定位	Nucleus.

图片



Immunocytochemistry/ Immunofluorescence - Anti-JunB antibody [EPR6518] (ab128878)

Immunocytochemistry/ Immunofluorescence analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling JunB with purified ab128878 at 1:200 dilution (9.1 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Western blot - Anti-JunB antibody [EPR6518] (ab128878)

**All lanes** : Anti-JunB antibody [EPR6518] (ab128878) at 1/200 dilution (Purified)

**Lane 1** : Rat lung lysates

**Lane 2** : Rat spleen lysates

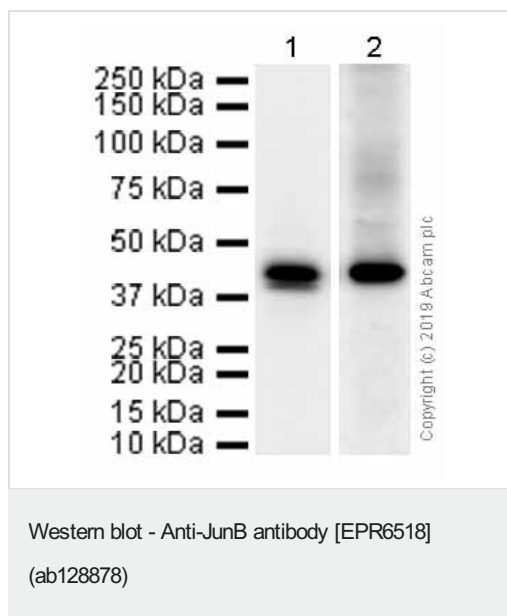
Lysates/proteins at 15 µg per lane.

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 36 kDa

**Observed band size:** 43 kDa



**All lanes :** Anti-JunB antibody [EPR6518] (ab128878) at 1/1000 dilution (Purified)

**Lane 1 :** HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

**Lane 2 :** Mouse uterus lysates

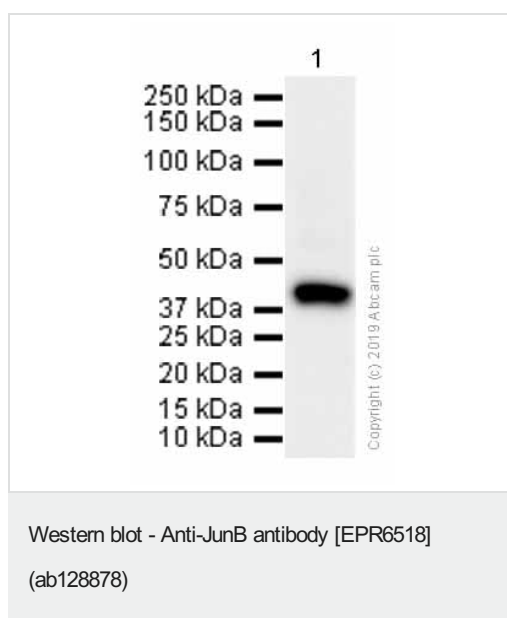
Lysates/proteins at 15 µg per lane.

#### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 36 kDa

**Observed band size:** 43 kDa



Anti-JunB antibody [EPR6518] (ab128878) at 1/1000 dilution (Purified) + Human uterus lysates at 15 µg

#### Secondary

Goat Anti-Rabbit IgG (HRP) with minimal cross-reactivity with human IgG at 1/2000 dilution

**Predicted band size:** 36 kDa

**Observed band size:** 43 kDa



Immunoprecipitation - Anti-JunB antibody [EPR6518]  
(ab128878)

ab128878 (purified) at 1:100 dilution (2 µg) immunoprecipitating JunB in HeLa whole cell lysates.

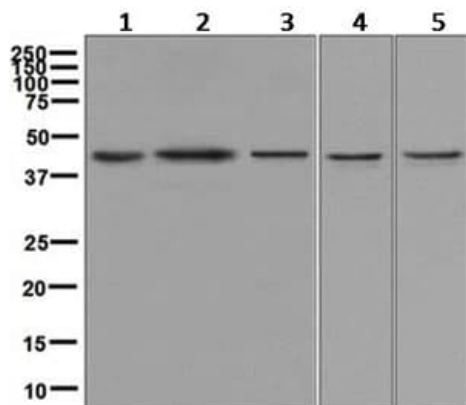
**Lane 1 (input):** HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates 10ug

**Lane 2 (+):** ab128878 & HeLa whole cell lysates

**Lane 3 (-):** Rabbit monoclonal IgG ([ab172730](#)) instead of ab128878 in HeLa whole cell lysate

For western blotting, VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used at 1:1000 dilution.

**Blocking and diluting buffer:** 5% NFDm/TBST.



Western blot - Anti-JunB antibody [EPR6518]  
(ab128878)

**All lanes :** Anti-JunB antibody [EPR6518] (ab128878) at 1/1000 dilution (Unpurified)

**Lane 1 :** MCF-7 lysate

**Lane 2 :** Human tonsil lysate

**Lane 3 :** Human uterus cancer lysate

**Lane 4 :** HeLa lysate

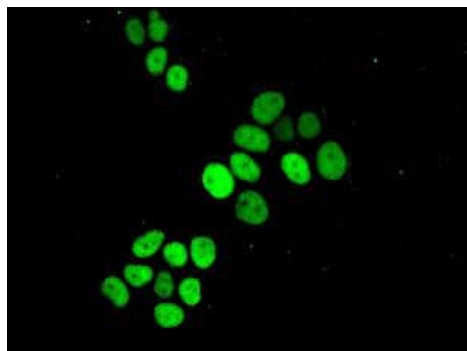
**Lane 5 :** HACAT lysate

Lysates/proteins at 10 µg per lane.

### Secondary

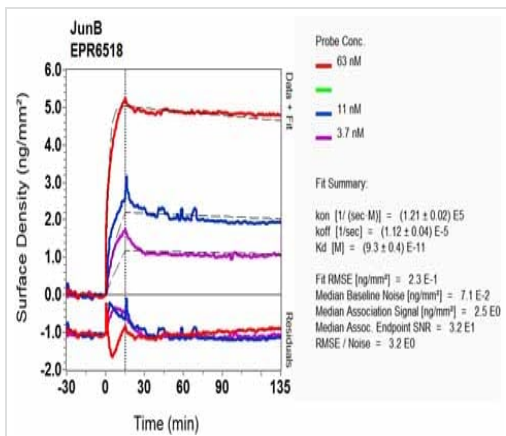
**All lanes :** HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 36 kDa



Immunocytochemistry/ Immunofluorescence - Anti-JunB antibody [EPR6518] (ab128878)

Unpurified ab128878, at a 1/250 dilution, staining JunB in MCF7 (Human breast adenocarcinoma cell line) cells by Immunofluorescence.



SPR Scanning - Anti-JunB antibody [EPR6518]  
(ab128878)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

[Click here to learn more about  \$K\_D\$](#)

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-JunB antibody [EPR6518] (ab128878)

**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.cn/abpromise> or contact our technical team.

## Terms and conditions

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