

### Anti-BAFF antibody [EPR19704] ab203791

**重组** RabMAb

#### 5 图像

#### 概述

产品名称	Anti-BAFF抗体[EPR19704]
描述	兔单克隆抗体[EPR19704] to BAFF
宿主	Rabbit
经测试应用	<b>适用于:</b> ICC/IF, IP, WB
种属反应性	<b>与反应:</b> Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HEK-293 transfected with a GFP-Myc tagged BAFF vector whole cell lysate; U937 whole cell lysate. ICC/IF: 293T cells transfected with a GFP-tagged BAFF expression construct. IP: U937 whole cell lysate.
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	EPR19704

同种型

IgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab203791于以下的经测试应用

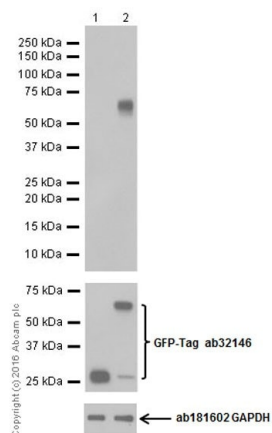
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		1/100.
IP		1/30.
WB		1/1000. Detects a band of approximately 31, 29, 17 kDa (predicted molecular weight: 31 kDa).

靶标

功能	Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B-and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.
组织特异性	Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas.
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form derives from the membrane form by proteolytic processing. N-glycosylated.
细胞定位	Secreted and Cell membrane.

图片



Western blot - Anti-BAFF antibody [EPR19704]  
(ab203791)

**All lanes** : Anti-BAFF antibody [EPR19704] (ab203791) at 1/5000 dilution

**Lane 1** : Empty vector with GFP-Myc tag (vector control) transfected HEK-293 (Human epithelial cell line from embryonic kidney) whole cell lysate

**Lane 2** : HEK-293 (Human epithelial cell line from embryonic kidney) transfected with a GFP-Myc tagged BAFF vector whole cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

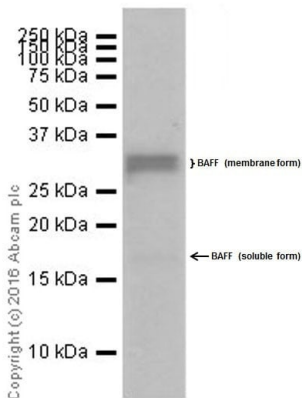
**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 31 kDa

**Observed band size:** 57 kDa

**Exposure time:** 1 second

Blocking/Dilution buffer: 5% NFDM/TBST.



Western blot - Anti-BAFF antibody [EPR19704]  
(ab203791)

Anti-BAFF antibody [EPR19704] (ab203791) at 1/1000 dilution + U937 (Human histiocytic lymphoma cell line) whole cell lysate at 10 µg

### Secondary

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

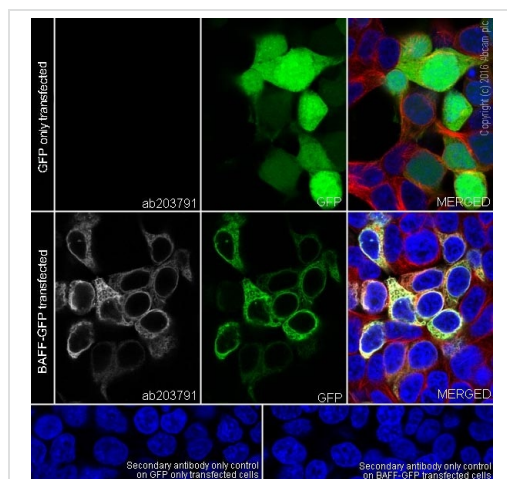
**Predicted band size:** 31 kDa

**Observed band size:** 17,29,31 kDa

**Exposure time:** 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

Two isoforms have been described in literature (PMID: 12867412).



Immunocytochemistry/ Immunofluorescence - Anti-BAFF antibody [EPR19704] (ab203791)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized 293T (Human epithelial cell line from embryonic kidney) cells labeling BAFF with ab203791 at 1/100 dilution, followed by Goat Anti-Rabbit IgG (Alexa Fluor® 647) (**ab150079**) secondary antibody at 1/1000 dilution.

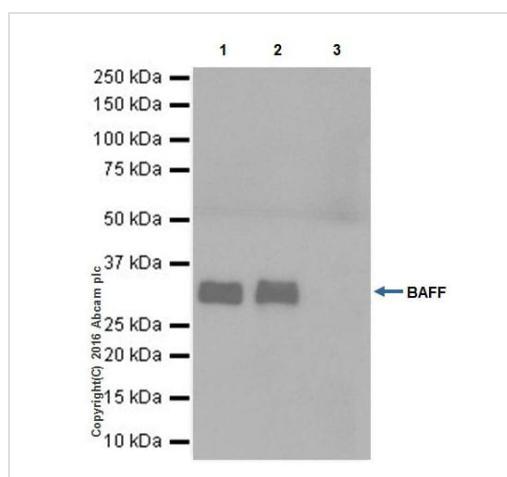
Confocal image showing positive staining on 293T cells transfected with a GFP-tagged BAFF expression construct.

The nuclear counter stain is DAPI (blue).

Tubulin is detected with **ab195889** (Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594)) at 1/200 dilution (red).

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is **ab150079** at 1/1000 dilution.

ICC/IF was also performed on a few cell lines including U937, no signal was detected.



Immunoprecipitation - Anti-BAFF antibody [EPR19704] (ab203791)

BAFF was immunoprecipitated from 0.35 mg of U937 (Human histiocytic lymphoma cell line) whole cell lysate with ab203791 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab203791 at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/1000 dilution.

Lane 1: U937 whole cell lysate, 10µg (Input).

Lane 2: ab203791 IP in U937 whole cell lysate.

Lane 3: Rabbit IgG, monoclonal [EPR25A]-Isotype Control (**ab172730**) instead of ab203791 in U937 whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 30 seconds.

### 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-BAFF antibody [EPR19704] (ab203791)

**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