


# Anti-TRAF4 antibody [EPR1729] - BSA and Azide free ab247736

**重组** RabMAb

## 3 图像

### 概述

产品名称	Anti-TRAF4抗体[EPR1729] - BSA and Azide free
描述	兔单克隆抗体[EPR1729] to TRAF4 - BSA and Azide free
宿主	Rabbit
经测试应用	<b>适用于:</b> Flow Cyt (Intra), WB <b>不适用于:</b> IHC-P or IP
种属反应性	<b>与反应:</b> Human <b>预测可用于:</b> Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
常规说明	<p>ab247736 is the carrier-free version of <a href="#">ab108991</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

<b>性能</b>	
<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>存储溶液</b>	pH: 7.2 Constituent: PBS
<b>无载体</b>	是
<b>纯度</b>	Affinity purified
<b>克隆</b>	单克隆
<b>克隆编号</b>	EPR1729
<b>同种型</b>	IgG

应用

The Abpromise guarantee

**Abpromise™**承诺保证使用ab247736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
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 54 kDa.

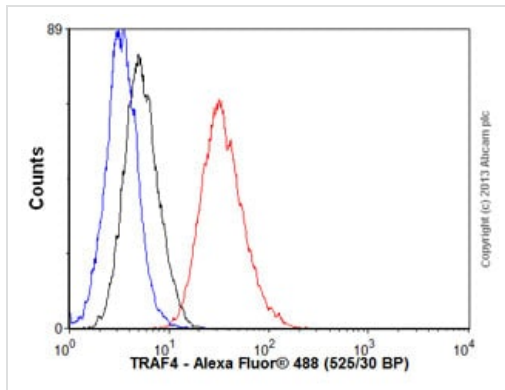
应用说明

Is unsuitable for IHC-P or IP.

靶标

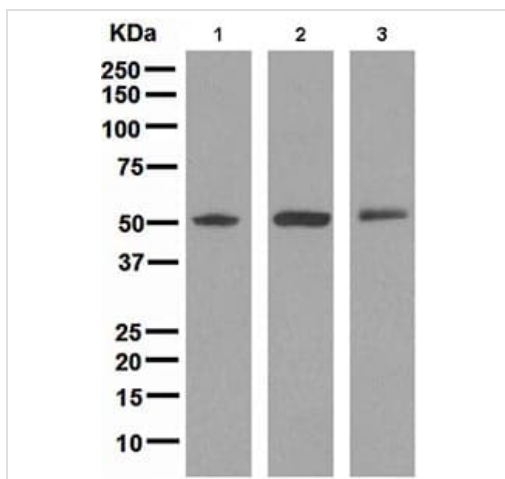
<b>功能</b>	Adapter protein and signal transducer that links members of the tumor necrosis factor receptor (TNFR) family to different signaling pathways. Plays a role in the activation of NF-kappa-B and JNK, and in the regulation of cell survival and apoptosis. Regulates activation of NF-kappa-B in response to signaling through Toll-like receptors. Required for normal skeleton development, and for normal development of the respiratory tract (By similarity). Required for activation of RPS6KB1 in response to TNF signaling. Modulates TRAF6 functions.
<b>组织特异性</b>	Expressed in epithelial cells of thymus, dendritic cells of lymph node, and in the basal cell layer of epithelia such as epidermis, nasopharynx, respiratory tract, salivary gland, and esophagus.
<b>序列相似性</b>	Belongs to the TNF receptor-associated factor family. B subfamily. Contains 1 MATH domain. Contains 1 RING-type zinc finger. Contains 3 TRAF-type zinc fingers.
<b>结构域</b>	The coiled coil domain mediates homo- and hetero-oligomerization. The MATH/TRAF domain binds to receptor cytoplasmic domains.
<b>翻译后修饰</b>	Polyubiquitinated, leading to its proteasomal degradation.
<b>细胞定位</b>	Cytoplasm. Nucleus. Cytoplasm > perinuclear region. Cell junction > tight junction. Cell

## 图片



Flow Cytometry (Intracellular) - Anti-TRAF4 antibody [EPR1729] - BSA and Azide free (ab247736)

This data was developed using [ab108991](#), the same antibody clone in a different buffer formulation. Overlay histogram showing HeLa cells stained with [ab108991](#) (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody ([ab108991](#), 1/100 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) ([ab150077](#)) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (1?g/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Western blot - Anti-TRAF4 antibody [EPR1729] - BSA and Azide free (ab247736)

**All lanes :** Anti-TRAF4 antibody [EPR1729] ([ab108991](#)) at 1/1000 dilution

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** HeLa cell lysate

**Lane 3 :** SKBR-3 cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 54 kDa

This data was developed using [ab108991](#), the same antibody clone in a different buffer formulation.

### 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-TRAF4 antibody [EPR1729] - BSA and Azide free (ab247736)

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

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