

# Anti-p38 (phospho T180 + Y182) antibody [EPR18120] - BSA and Azide free ab240335

**重组** RabMAb

## 3 图像

### 概述

产品名称	Anti-p38 (phospho T180 + Y182)抗体[EPR18120] - BSA and Azide free
描述	兔单克隆抗体[EPR18120] to p38 (phospho T180 + Y182) - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: WB, Dot blot
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HEK-293 whole cell lysates treated with UV (60 J/M2) for 60 minutes.
常规说明	<p>ab240335 is the carrier-free version of <a href="#">ab195049</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>

性能	
形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR18120
同种型	IgG

应用

The Abpromise guarantee

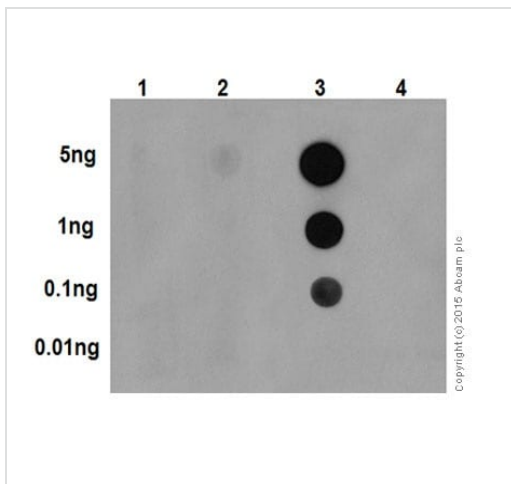
Abpromise™承诺保证使用ab240335于以下的经测试应用

“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		Use at an assay dependent concentration. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).
Dot blot		Use at an assay dependent concentration.

靶标

功能	Responds to activation by environmental stress, pro-inflammatory cytokines and lipopolysaccharide (LPS) by phosphorylating a number of transcription factors, such as ELK1 and ATF2 and several downstream kinases, such as MAPKAPK2 and MAPKAPK5. Plays a critical role in the production of some cytokines, for example IL-6. May play a role in stabilization of EPO mRNA during hypoxic stress. Isoform Mxi2 activation is stimulated by mitogens and oxidative stress and only poorly phosphorylates ELK1 and ATF2. Isoform Exip may play a role in the early onset of apoptosis.
组织特异性	Brain, heart, placenta, pancreas and skeletal muscle. Expressed to a lesser extent in lung, liver and kidney.
序列相似性	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. MAP kinase subfamily. Contains 1 protein kinase domain.
结构域	The TXY motif contains the threonine and tyrosine residues whose phosphorylation activates the MAP kinases.
翻译后修饰	Dually phosphorylated on Thr-180 and Tyr-182, which activates the enzyme. Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Cytoplasm. Nucleus.



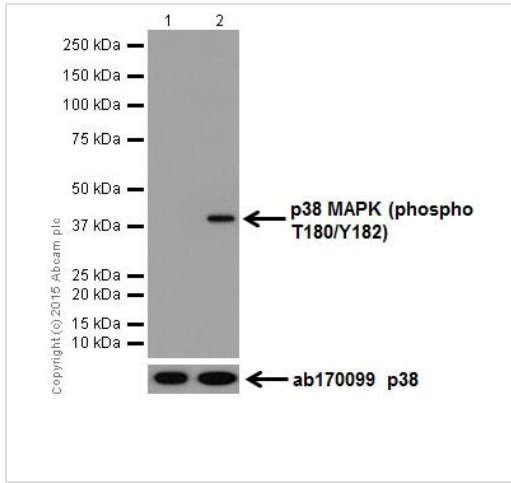
Dot Blot - Anti-p38 (phospho T180) antibody [EPR18120] - BSA and Azide free (ab240335)

Dot blot analysis of p38 (phospho T180) peptide (Lane 1), p38 (phospho Y182) (Lane 2), p38 (phospho T180 + Y182) peptide (Lane 3), and non-phospho peptide (Lane 4), labeled using [ab195049](#) at 1/1000 dilution, followed by Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated secondary antibody ([ab97051](#)) at 1/1000 dilution.

Blocking/Dilution buffer: 5% NFDM/TBST.

Exposure time: 3 minutes.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab195049](#)).



Western blot - Anti-p38 (phospho T180 + Y182) antibody [EPR18120] - BSA and Azide free (ab240335)

**All lanes :** Anti-p38 (phospho T180 + Y182) antibody [EPR18120] - BSA and Azide free (ab240335) at 1/1000 dilution

**Lane 1 :** Untreated HEK-293 (Human epithelial cells from embryonic kidney) whole cell lysates

**Lane 2 :** HEK-293 whole cell lysates treated with UV (60 J/M2) for 60 minutes

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/1000 dilution

**Predicted band size:** 41 kDa

**Exposure time:** 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab195049](#)).

### 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-p38 (phospho T180) antibody [EPR18120] -  
BSA and Azide free (ab240335)

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

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
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