

Anti-Bad (phospho S112) antibody [EPR1891(2)] ab129192

重组 RabMAb

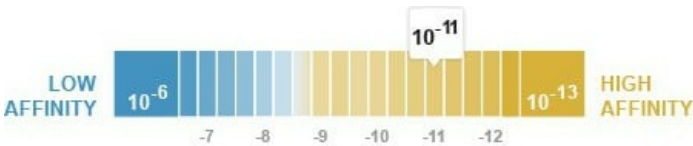
20 References 7 图像

概述

产品名称	Anti-Bad (phospho S112)抗体[EPR1891(2)]
描述	兔单克隆抗体[EPR1891(2)] to Bad (phospho S112)
宿主	Rabbit
经测试应用	适用于: Dot blot, WB, IP 不适用于: ICC/IF or IHC-P
种属反应性	与反应: Rat, Human 预测可用于: Mouse
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa cell lysates treated with Calyculin A.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数 (K _D)	K _D = 4.70 x 10 ⁻¹¹ M



[Learn more about K_D](#)

存储溶液	pH: 7.20
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纯度	Protein A purified
克隆	单克隆
克隆编号	EPR1891(2)
同种型	IgG

The Abpromise guarantee **Abpromise™承诺保证使用ab129192于以下的经测试应用**

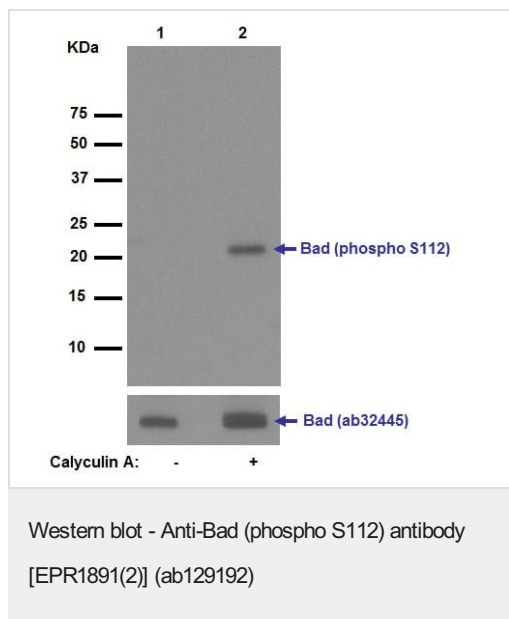
应用	Ab评论	说明
Dot blot		1/500.
WB		1/5000. Predicted molecular weight: 18 kDa.
IP		1/30.

功能	Promotes cell death. Successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. Can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2 (By similarity). Appears to act as a link between growth factor receptor signaling and the apoptotic pathways.
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序列相似性 Belongs to the Bcl-2 family.

翻译后修饰 Phosphorylated on one or more of Ser-75, Ser-99, Ser-118 and Ser-134 in response to survival stimuli, which blocks its pro-apoptotic activity. Phosphorylation on Ser-99 or Ser-75 promotes heterodimerization with 14-3-3 proteins. This interaction then facilitates the phosphorylation at Ser-118, a site within the BH3 motif, leading to the release of Bcl-X(L) and the promotion of cell survival. Ser-99 is the major site of AKT/PKB phosphorylation, Ser-118 the major site of protein kinase A (CAPK) phosphorylation. Ser-75 is phosphorylated by AKT/PKB, protein kinase A and PIM2.

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All lanes : Anti-Bad (phospho S112) antibody [EPR1891(2)] (ab129192) at 1/5000 dilution (purified)

Lane 1 : Untreated C6 cells

Lane 2 : C6 cells treated with Calyculin A

Lysates/proteins at 10 µg per lane.

Secondary

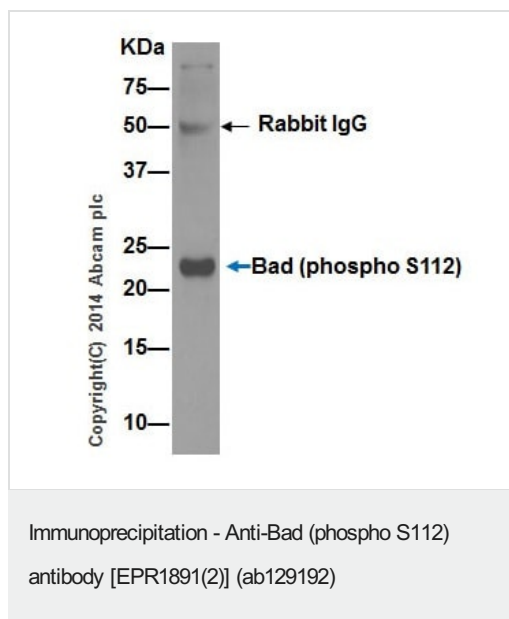
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 18 kDa

Observed band size: 23 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



ab129192 (purified) at 1/30 immunoprecipitating Bad in HeLa cell lysate treated with Calyculin A (Lane 1). For western blotting a HRP-conjugated anti-rabbit IgG was used as the secondary antibody (1/1000).

Blocking buffer and concentration: 5% NFDM/TBST.

Diluting buffer and concentration: 5% NFDM /TBST.

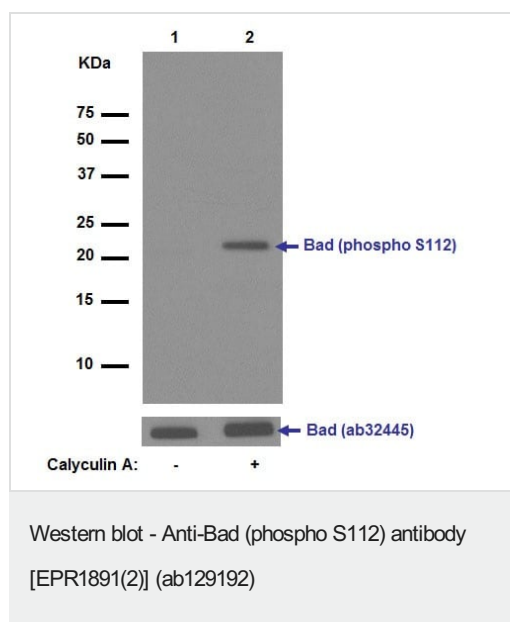


Dot blot analysis of Bad (phospho S112) using ab129192 primary antibody at a dilution of 1/1000. **ab97051** was used as a secondary antibody at a dilution of 1/100,000.

Lane 1: Bad (pS112) phospho peptide

Lane 2: Bad non-phospho peptide

Blocking and diluting buffer: 5% NFDM/TBST



All lanes : Anti-Bad (phospho S112) antibody [EPR1891(2)] (ab129192) at 1/20000 dilution (purified)

Lane 1 : Untreated HeLa cell lysate

Lane 2 : HeLa cell lysate treated with Calyculin A

Lysates/proteins at 10 µg per lane.

Secondary

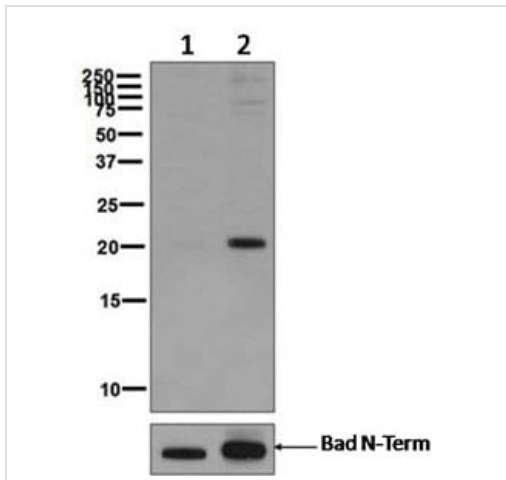
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 18 kDa

Observed band size: 23 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-Bad (phospho S112) antibody [EPR1891(2)] (ab129192)

All lanes : Anti-Bad (phospho S112) antibody [EPR1891(2)] (ab129192) at 1/1000 dilution

Lane 1 : HeLa cell lysates, untreated

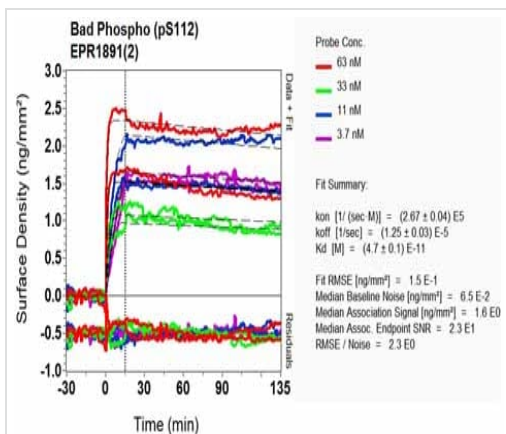
Lane 2 : HeLa cell lysates, treated with Calyculin A

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 18 kDa



Oxide Reduction Dissociation Scanning - Anti-Bad (phospho S112) antibody [EPR1891(2)] (ab129192)

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-Bad (phospho S112) antibody [EPR1891(2)]
(ab129192)

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