


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

リコンビナント RabMAb[®]

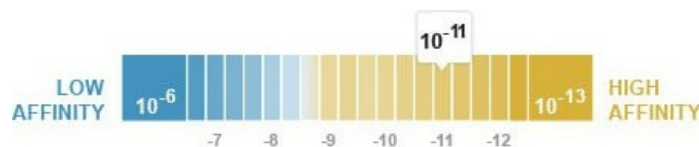
20 References [画像数 7](#)

製品の概要

製品名	Anti-Bad (phospho S112) antibody [EPR1891(2)]
製品の詳細	Rabbit monoclonal [EPR1891(2)] to Bad (phospho S112)
由来種	Rabbit
アプリケーション	適用あり: Dot blot, WB, IP 適用なし: ICC/IF or IHC-P
種交差性	交差種: Rat, Human 交差が予測される動物種: Mouse 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	HeLa cell lysates treated with Calyculin A.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解離定数 (K _D 値)	K _D = 4.70 x 10 ⁻¹¹ M



[Learn more about K_D](#)

バッファー pH: 7.20

Preservative: 0.01% Sodium azide
 Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
 Protein A purified
 モノクローナル
 EPR1891(2)
 IgG

精製度
 ポリ/モノ
 クローン名
 アイソタイプ

アプリケーション

The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab129192の使用に適用されます
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Dot blot		1/500.
WB		1/5000. Predicted molecular weight: 18 kDa.
IP		1/30.

追加情報 Is unsuitable for ICC/IF or IHC-P.

ターゲット情報

機能 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.

組織特異性 Expressed in a wide variety of tissues.

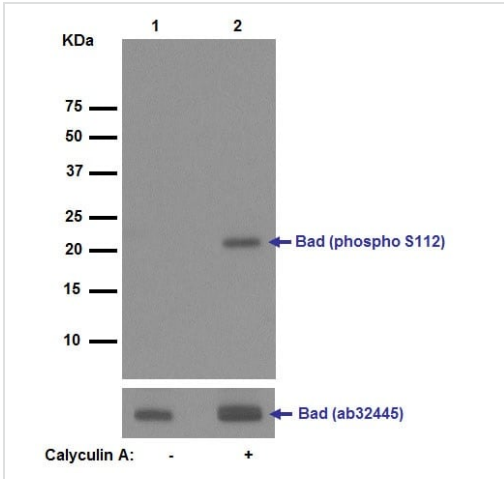
配列類似性 Belongs to the Bcl-2 family.

ドメイン Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family.

翻訳後修飾 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.

細胞内局在 Mitochondrion outer membrane. Cytoplasm. Upon phosphorylation, locates to the cytoplasm.

画像



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

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

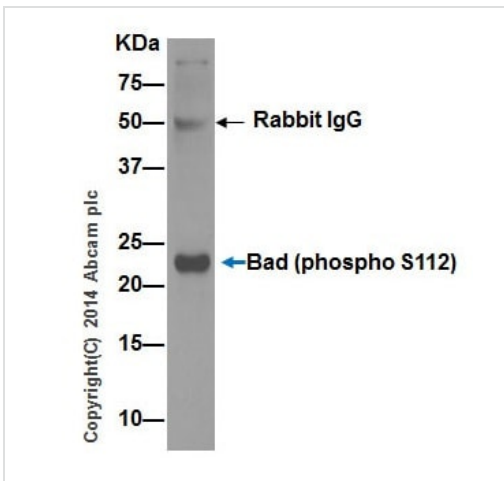
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 18 kDa

Observed band size: 23 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST

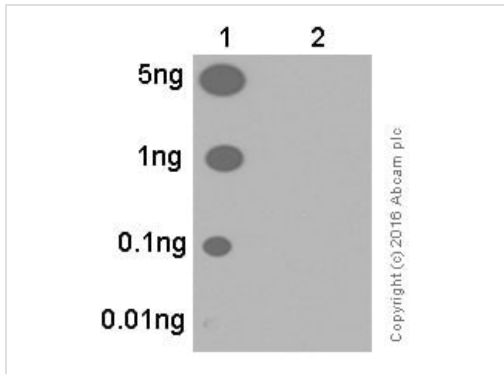


Immunoprecipitation - Anti-Bad (phospho S112) antibody [EPR1891(2)] (ab129192)

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.



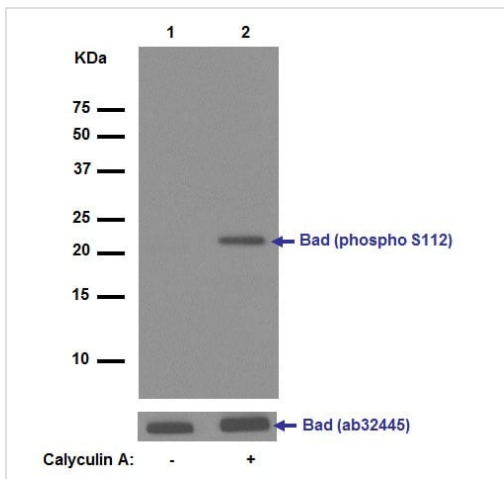
Dot Blot - Anti-Bad (phospho S112) antibody [EPR1891(2)] (ab129192)

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



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

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

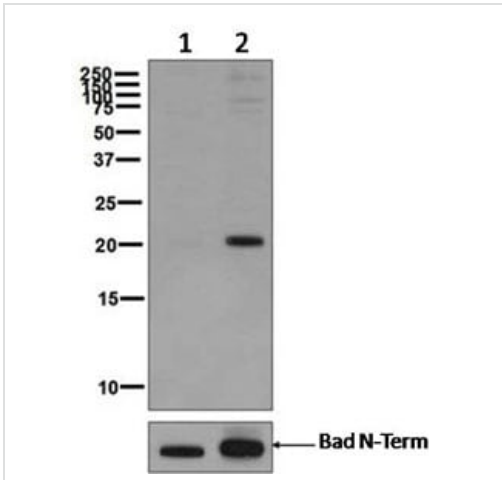
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

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

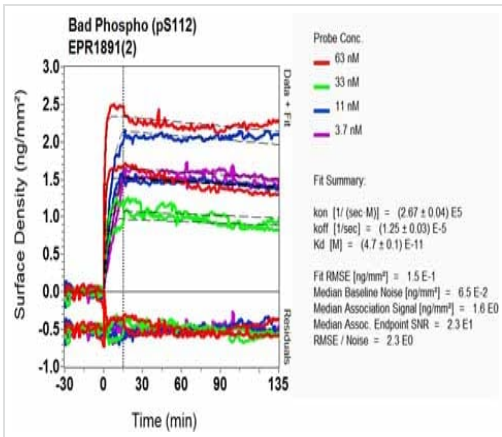
Lane 2 : HeLa cell lysates, treated with Calyculin A

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 18 kDa



OI-RD 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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