

### Anti-Hsp90 antibody ab13495

★★★★★ [14 Abreviews](#) [56 References](#) [画像数 4](#)

#### 製品の概要

製品名	Anti-Hsp90 antibody
製品の詳細	Rabbit polyclonal to Hsp90
由来種	Rabbit
特異性	Detects 90kD proteins corresponding to the molecular mass of hsp90aβ.
アプリケーション	<b>適用あり:</b> ICC/IF, IHC-P, ICC, IHC-Fr, ELISA, IP, Flow Cyt, WB
種交差性	<b>交差種:</b> Mouse, Rat, Human, Xenopus laevis
免疫原	Full length protein corresponding to Human Hsp90. Database link: <a href="#">P08238</a>
ポジティブ・コントロール	ICC: Heat Shocked Cervical cancer cell line (HeLa).
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine)
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

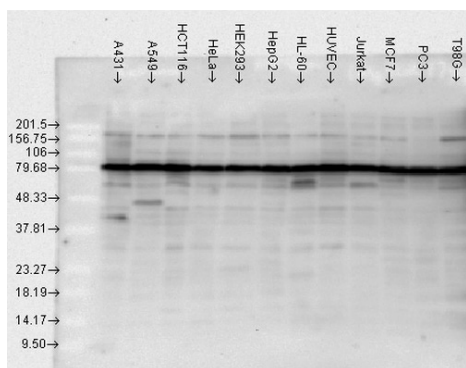
**The Abpromise guarantee**      **Abpromise保証は、**次のテスト済みアプリケーションにおけるab13495の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ICC/IF	★★★★★ (3)	1/100.
IHC-P	★★★★★ (1)	Use at an assay dependent concentration.
ICC	★★★★★ (1)	Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.
IP	★★★★★ (1)	Use at an assay dependent concentration.
Flow Cyt	★★★★★ (1)	Use at an assay dependent concentration. See Abreview. <b>ab171870</b> - Rabbit polyclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (7)	1/20000 - 1/40000. Detects a band of approximately 90 kDa (predicted molecular weight: 85 kDa).

## ターゲット情報

機能	Molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. Undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.
配列類似性	Belongs to the heat shock protein 90 family.
ドメイン	The TPR repeat-binding motif mediates interaction with TPR repeat-containing proteins like the co-chaperone STUB1.
翻訳後修飾	ISGylated. S-nitrosylated; negatively regulates the ATPase activity and the activation of eNOS by HSP90AA1.
細胞内局在	Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

## 画像



Western blot - Anti-Hsp90 antibody (ab13495)

**All lanes** : Anti-Hsp90 antibody (ab13495) at 1/10000 dilution (2 hours at room temperature)

**Lane 1** : A431 with BSA for 30 minutes at room temperature

**Lane 2** : A549 with BSA for 30 minutes at room temperature

**Lane 3** : HCT116 with BSA for 30 minutes at room temperature

**Lane 4** : HeLa with BSA for 30 minutes at room temperature

**Lane 5** : HEK293 with BSA for 30 minutes at room temperature

**Lane 6** : HepG2 with BSA for 30 minutes at room temperature

**Lane 7** : HL-60 with BSA for 30 minutes at room temperature

**Lane 8** : HUVEC with BSA for 30 minutes at room temperature

**Lane 9** : Jurkat with BSA for 30 minutes at room temperature

**Lane 10** : MCF7 with BSA for 30 minutes at room temperature

**Lane 11** : PC3 with BSA for 30 minutes at room temperature

**Lane 12** : T98G with BSA for 30 minutes at room temperature

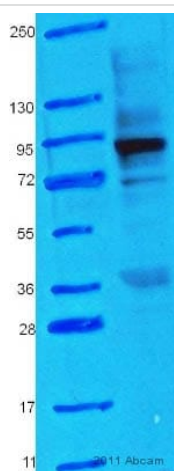
Lysates/proteins at 2 µg per lane.

Blocking peptides at 1.5 % per lane.

### Secondary

**All lanes** : HRP Donkey anti-rabbit IgG, 1 hour at room temperature

**Predicted band size:** 85 kDa



Western blot - Anti-Hsp90 antibody (ab13495)

Image courtesy of Dr Mahesh Shivananjappa by Abreview.

Anti-Hsp90 antibody (ab13495) at 1/1000 dilution + whole cell lysate prepared from human platelets treated with A23187 for 1 hour at 20 µg

### Secondary

HRP conjugated goat anti-rabbit polyclonal at 1/10000 dilution

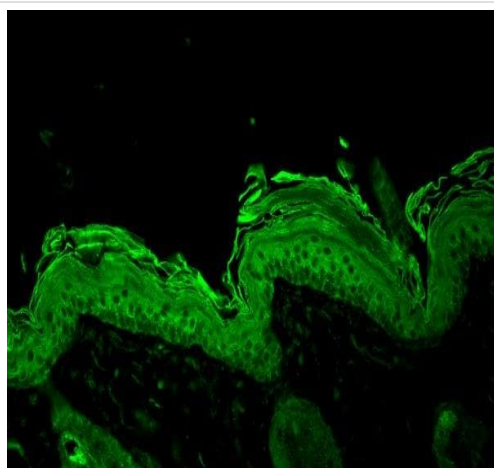
Developed using the ECL technique.

**Predicted band size:** 85 kDa

**Observed band size:** 90 kDa

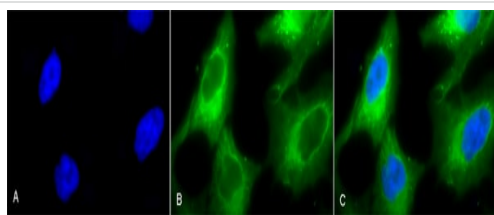
**Additional bands at:** 36 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 5 minutes



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Hsp90 antibody (ab13495)

ab13495 staining Hsp90 in Mouse backskin tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with Bouin's fixative solution. Samples were incubated with primary antibody (1/100) for 1 hour at room temperature. A FITC-conjugated Goat anti-rabbit IgG polyclonal (1/50) was used as the secondary antibody.



Immunocytochemistry/ Immunofluorescence - Anti-Hsp90 antibody (ab13495)

Immunofluorescent analysis of 2% paraformaldehyde fixed Heat Shocked Cervical cancer cell line (HeLa) for 20min at RT, labelling Hsp90 with ab13495 at 1/100 dilution for 12 hours at 4°C, followed by secondary antibody Goat Anti-Rabbit (FITC) (green) at 1/200 dilution for 2 hours at RT. Image showing cytoplasmic staining on HeLa cells. (A) DAPI (blue) nuclear stain. (B) Anti-Hsp90 Antibody (green) (C) Composite image.

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