

# Anti-HA tag antibody [HA.C5] ab18181

★★★★☆ **19 Abreviews**   **240 References**   画像数 5

### 製品の概要

製品名	Anti-HA tag antibody [HA.C5]
製品の詳細	Mouse monoclonal [HA.C5] to HA tag
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Species independent
免疫原	Synthetic peptide from influenza hemagglutinin epitope: YPYDVPDYA conjugated to KLH.

 [Run BLAST with](#)

 [Run BLAST with](#)

### 特記事項

This product was changed from ascites to tissue culture supernatant on 5<sup>th</sup> February 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.

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.

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&As

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituent: PBS
精製度	Affinity purified
特記事項(精製)	Purified from TCS
ポリ/モノ	モノクローナル

クローン名	HA.C5
アイソタイプ	IgG3

## 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ab18181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。

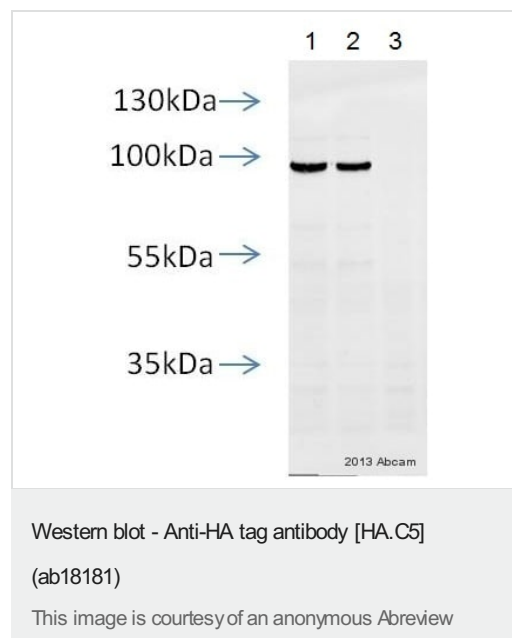
アプリケーション	Abreviews	特記事項
WB	★★★★★ (12)	1/1000.
ICC/IF	★★★★☆ (4)	Use at an assay dependent concentration.

## ターゲット情報

**関連性**

Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

## 画像



**All lanes** : Anti-HA tag antibody [HA.C5] (ab18181) at 1/1000 dilution

**Lanes 1-2** : HEK293 whole cell lysate - transfected

**Lane 3** : HEK293 whole cell lysate - untransfected

Lysates/proteins at 30 µg per lane.

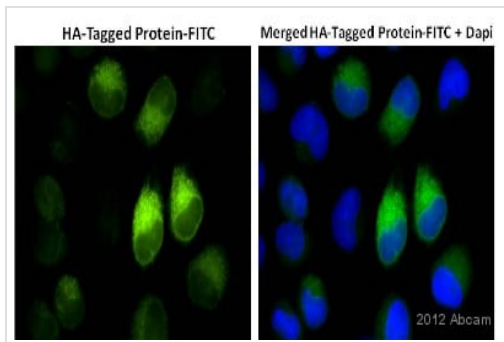
### Secondary

**All lanes** : IRDye® 800CW Goat anti-mouse IgG polyclonal at 1/10000 dilution

Performed under reducing conditions.

**Observed band size:** 85 kDa

**Exposure time:** 5 minutes

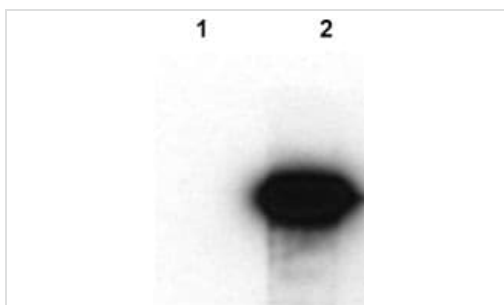


Immunocytochemistry/ Immunofluorescence - Anti-HA tag antibody [HA.C5] (ab18181)

This image is courtesy of an Abreview submitted by Harendra Chahar

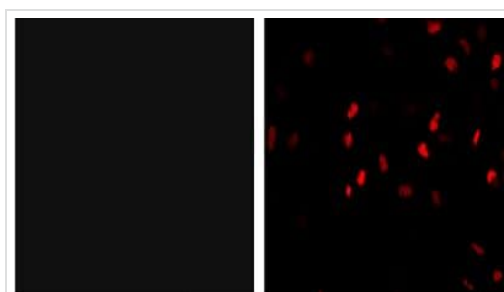
ab18181 staining HA tag (green) in HeLa cells by Immunocytochemistry/ Immunofluorescence.

Cells were fixed with paraformaldehyde, permeabilized with 0.5% Triton X-100 and blocked with 3% BSA for 1 hour at 22°C. Samples were incubated with primary antibody (1/1000 in diluent) for 1 hour at 22°C. A FITC-conjugated goat anti-mouse polyclonal IgG (1/1000) was used as the secondary antibody. Nuclei were stained with DAPI (blue).



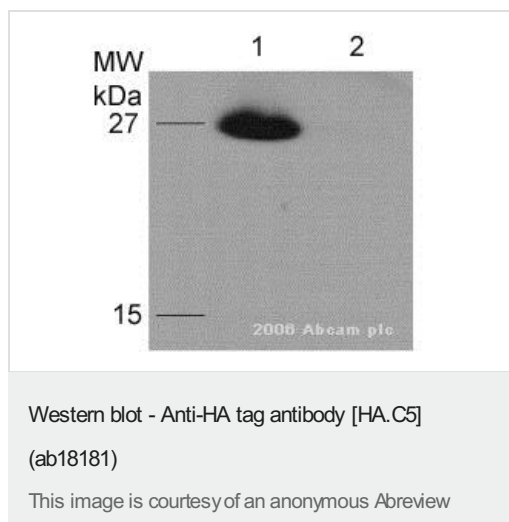
Western blot - Anti-HA tag antibody [HA.C5] (ab18181)

Western blot using ab18181 of 293 cells transfected with HA-tagged vector(2) and untransfected control (1). Western blot using ab18181 of 293 cells transfected with HA-tagged vector(2) and untransfected control (1).



Immunocytochemistry/ Immunofluorescence - Anti-HA tag antibody [HA.C5] (ab18181)

Immunofluorescence using ab18181 staining a HA-tag fusion protein (transcription factor) in a stable expressing cell line (right hand panel) and control cell line (left hand panel).



**All lanes :** Anti-HA tag antibody [HA.C5] (ab18181) at 1/2000 dilution

**Lane 1 :** WCE from cell line transfected for HA-tagged protein

**Lane 2 :** WCE from a cell line transfected with empty vector

Lysates/proteins at 50 µg per lane.

### Secondary

**All lanes :** HRP conjugated Goat anti-mouse IgG (H+L)

Developed using the ECL technique.

Performed under reducing conditions.

**Exposure time:** 10 seconds

Incubation with the primary antibody was carried out at 4°C overnight, whilst the secondary antibody was incubated for 1 hour at room temperature.

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

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