

### Anti-HA tag antibody [EPR22819-101] ab236632

リコンビナント RabMAb

★★★★☆ **1 Abreviews** **13 References** 画像数 5

#### 製品の概要

製品名	Anti-HA tag antibody [EPR22819-101]
製品の詳細	Rabbit monoclonal [EPR22819-101] to HA tag
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, IP, ICC/IF <b>適用なし:</b> ChIP
種交差性	<b>交差種:</b> Species independent
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	WB: HEK-293T and HEK-293T transfected with TIM 4 lysates. ICC/IF: HEK-293T cells transfected with HA-tagged TATA-box-binding protein (WT) expression vector. Flow Cyt (intra): HEK-293T transfected with TATA-box-binding protein (WT) expression vector containing HA-tag cells. IP: HEK-293T transfected with TIM 4 (WT) expression vector containing a HA-GFP-tag and PDGFR TM domain whole cell lysate.
特記事項	<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>

#### 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	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified

ポリ/モノ	モノクローナル
クローン名	EPR22819-101
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ab236632の使用に適用されず  
 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。

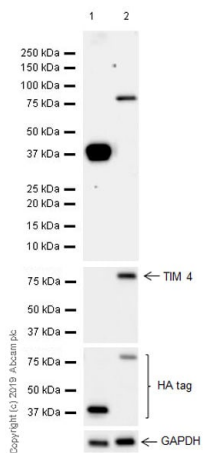
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/600.
WB		1/1000.
IP		1/30.
ICC/IF		1/1000.

**追加情報**      Is unsuitable for CHIP.

#### 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



Western blot - Anti-HA tag antibody [EPR22819-101] (ab236632)

**All lanes** : Anti-HA tag antibody [EPR22819-101] (ab236632) at 1/1000 dilution

**Lane 1** : HEK-293T (human embryonic kidney) transfected with an empty vector (vector control), containing a HA-myc-His-GFP-tag and PDGFR TM domain, whole cell lysate

**Lane 2** : HEK-293T transfected with TIM 4 (WT) expression vector containing a HA-myc-His-GFP-tag and PDGFR TM domain, whole cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

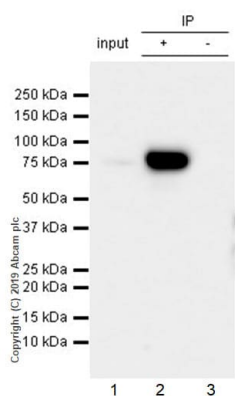
**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Observed band size:** 37,78 kDa

Antibodies used in the control panels are (Anti-TIM 4 antibody), [ab9110](#) (Anti-HA tag antibody - ChIP Grade) and [ab181602](#) (Anti-GAPDH antibody [EPR16891] - Loading Control).

Exposure time: 3 minutes.

Blocking and Diluting Buffer and concentration: 5% NFDm/TBST.



Immunoprecipitation - Anti-HA tag antibody [EPR22819-101] (ab236632)

HA tag was immunoprecipitated from 0.35 mg HEK-293T (human embryonic kidney) transfected with TIM 4 (WT) expression vector containing a HA-GFP-tag and PDGFR TM domain whole cell lysate 10µg with ab236632 at 1/30 dilution (2µg in 0.35mg lysates). Western blot was performed on the immunoprecipitate using ab236632. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used at 1/2000 dilution.

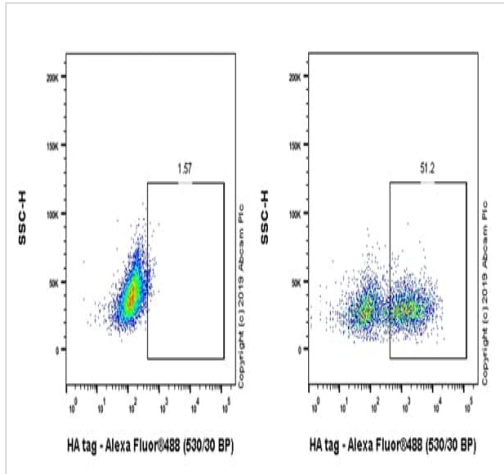
Lane 1: HEK-293T (human embryonic kidney) transfected with TIM 4 (WT) expression vector containing a HA-GFP-tag and PDGFR TM domain whole cell lysate 10µg.

Lane 2: ab236632 IP in HEK-293T transfected with TIM 4 (WT) expression vector containing a HA-GFP-tag and PDGFR TM domain whole cell lysate.

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab236632 in HEK-293T transfected with TIM 4 (WT) expression vector containing a HA-GFP-tag and PDGFR TM domain whole cell lysate.

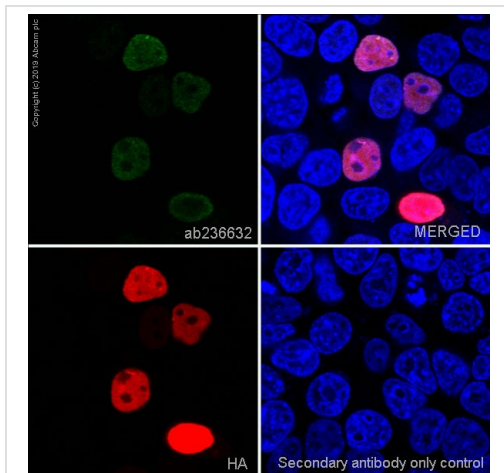
Blocking and dilution buffer and concentration/ 5% NFDm/TBST.

Exposure time: 3 seconds.



Flow Cytometry (Intracellular) - Anti-HA tag antibody [EPR22819-101] (ab236632)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed, 90% methanol permeabilized HEK-293T (human embryonic kidney) transfected with TATA-box-binding protein (WT) expression vector containing HA-tag (Right) / HEK-293T (Left) cells labeling HA tag with ab236632 at 1/600 dilution. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.







Immunocytochemistry/ Immunofluorescence - Anti-HA tag antibody [EPR22819-101] (ab236632)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HEK-293T (human embryonic kidney epithelial cell) transfected with HA-tagged TATA-box-binding protein (WT) expression vector labeling HA tag with ab236632 at 1/1000 (0.6 µg/ml) dilution, followed by **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000, (2 µg/ml) dilution (Green). Confocal image showing nuclear staining in HEK-293T cells transfected with HA-tagged TATA-box-binding protein (WT) expression vector is observed. Anti-HA.11 Epitope Tag antibody (Alexa Fluor® 647) was used to counterstain tubulin at 1/200 dilution (Red). The nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is **ab150077** AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 (2 µg/ml) dilution.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

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

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