


# Anti-TCEA1 antibody [EPR14821] ab185947

リコンビナント **RabMAb**

## 1 References [画像数 7](#)

### 製品の概要

製品名	Anti-TCEA1 antibody [EPR14821]
製品の詳細	Rabbit monoclonal [EPR14821] to TCEA1
由来種	Rabbit
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, IHC-P, ICC/IF, IP
種交差性	<b>交差種:</b> Mouse, Human <b>交差が予測される動物種:</b> Rat 
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	K562, HeLa, SP2/0 and HUVEC cell lysate; Human bladder transitional cell carcinoma tissue; HeLa, HUVEC cells
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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR14821

## アプリケーション

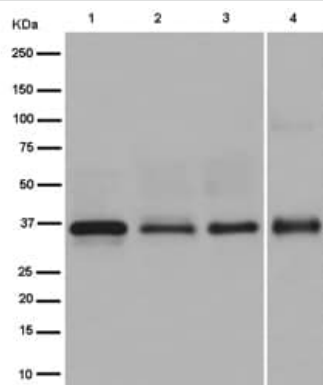
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab185947の使用に適用されます**  
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/250. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Detects a band of approximately 34 kDa (predicted molecular weight: 34 kDa).
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/500.
IP		1/30 - 1/50.

## ターゲット情報

機能	Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.
関連疾患	Note=A chromosomal aberration involving TCEA1 may be a cause of salivary gland pleiomorphic adenomas (PA) [181030]. Pleiomorphic adenomas are the most common benign epithelial tumors of the salivary gland. Translocation t(3;8)(p21;q12) with PLAG1.
配列類似性	Belongs to the TFS-II family. Contains 1 TFIIIS central domain. Contains 1 TFIIIS N-terminal domain. Contains 1 TFIIIS-type zinc finger.
翻訳後修飾	Phosphorylated upon DNA damage, probably by ATM or ATR.
細胞内局在	Nucleus.

## 画像



Western blot - Anti-TCEA1 antibody [EPR14821]  
(ab185947)

**All lanes :** Anti-TCEA1 antibody [EPR14821] (ab185947) at 1/10000 dilution

**Lane 1 :** K562 cell lysate

**Lane 2 :** HeLa cell lysate

**Lane 3 :** SP2/0 cell lysate

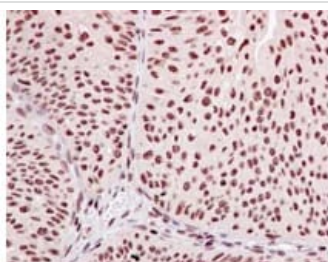
**Lane 4 :** HUVEC cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

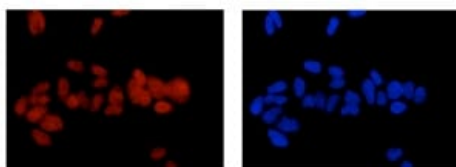
**Predicted band size:** 34 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TCEA1 antibody [EPR14821] (ab185947)

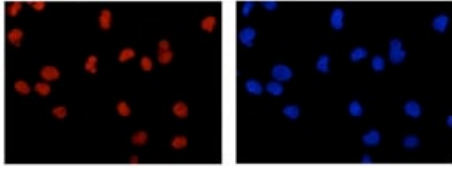
Immunohistochemical analysis of paraffin embedded Human bladder transitional cell carcinoma tissue labeling TCEA1 with ab185947 at 1/500 dilution. Counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



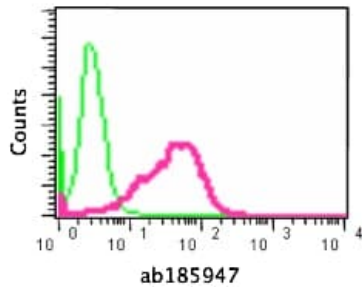
Immunocytochemistry/ Immunofluorescence - Anti-TCEA1 antibody [EPR14821] (ab185947)

Immunofluorescent staining of -20 °C acetone fixed HeLa cells labeling TCEA1 with ab185947 at 1/500 dilution (red; left image) and DAPI nuclear staining (blue; right image). Secondary staining with Goat anti Rabbit IgG (Alexa Fluor® 555) at a 1/200 dilution.



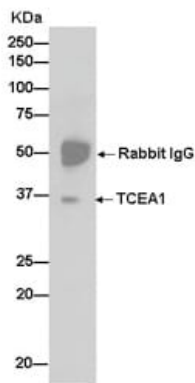
Immunocytochemistry/ Immunofluorescence - Anti-TCEA1 antibody [EPR14821] (ab185947)

Immunofluorescent staining of 4% paraformaldehyde fixed HUVEC cells labeling TCEA1 with ab185947 at 1/500 dilution (red; left image) and DAPI nuclear staining (blue; right image). Secondary staining with Goat anti Rabbit IgG (Alexa Fluor<sup>®</sup> 555) at a 1/200 dilution.



Flow Cytometry (Intracellular) - Anti-TCEA1 antibody [EPR14821] (ab185947)

Intracellular flow cytometric analysis of 2% paraformaldehyde HeLa cells labeling TCEA1 with ab185947 at 1/250 dilution (red) compared to a Rabbit monoclonal IgG isotype control antibody (green). Secondary staining with Goat anti Rabbit IgG (FITC) at a 1/150 dilution.



Immunoprecipitation - Anti-TCEA1 antibody [EPR14821] (ab185947)

Immunoprecipitation analysis of HeLa cell lysate labeling TCEA1 with ab185947 at 1/50 dilution. Secondary staining with Goat anti Rabbit IgG (H+L) Peroxidase conjugated antibody at a 1/1000 dilution.

### 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-TCEA1 antibody [EPR14821] (ab185947)

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

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