

# Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free ab224272

リコンビナント RabMAb

画像数 8

### 製品の概要

製品名	Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR10841] to COUP TF1 - BSA and Azide free
由来種	Rabbit
特異性	The mouse and rat recommendation is based on the WB results. We do not guarantee IHC-P for mouse and rat.
アプリケーション	<b>適用あり:</b> Flow Cyt (Intra), WB, IHC-P, ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat, Human
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	Human fetal brain, Human fetal kidney and 293 cell lysates; Human glioblastoma tissue, Human transitional cell carcinoma tissue, and 293 cells.
特記事項	<p>ab224272 is the carrier-free version of <a href="#">ab181137</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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>

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#).

## 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: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR10841
アイソタイプ	IgG

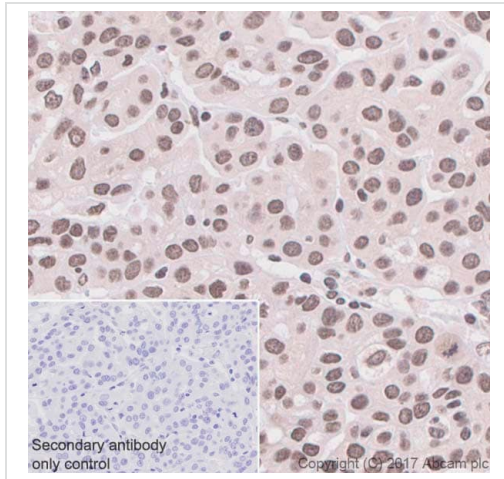
## アプリケーション

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ab224272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)		Use at an assay dependent concentration. <b>ab199376</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration. Detects a band of approximately 46 kDa (predicted molecular weight: 46 kDa).
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.

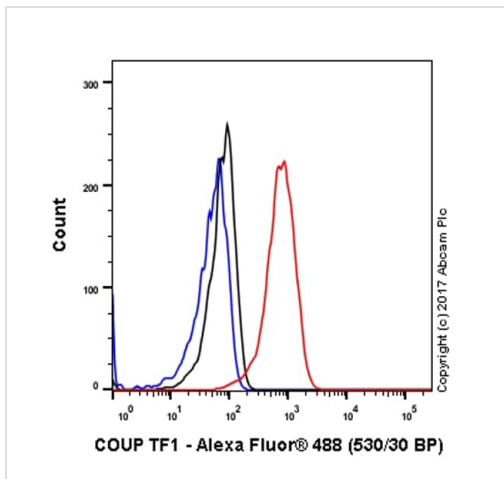
## ターゲット情報

機能	Coup (chicken ovalbumin upstream promoter) transcription factor binds to the ovalbumin promoter and, in conjunction with another protein (S300-II) stimulates initiation of transcription. Binds to both direct repeats and palindromes of the 5'-AGGTCA-3' motif. Represses transcriptional activity of LHCG.
配列類似性	Belongs to the nuclear hormone receptor family. NR2 subfamily. Contains 1 nuclear receptor DNA-binding domain.
細胞内局在	Nucleus.



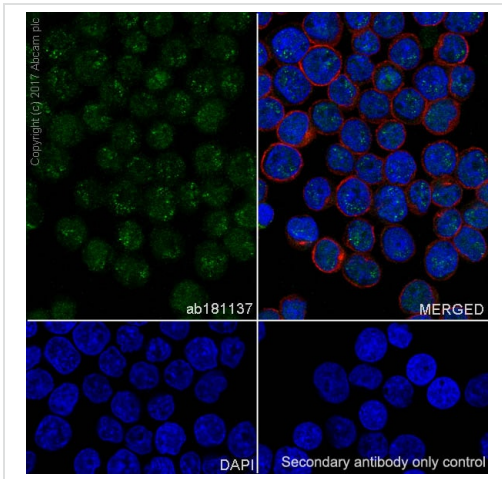
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human breast carcinoma tissue sections labeling COUP TF1 with Purified **ab181137** at 1:100 dilution. Heat mediated antigen retrieval was performed using citrate buffer, pH6.0 . Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control. This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181137**).



Flow Cytometry (Intracellular) - Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

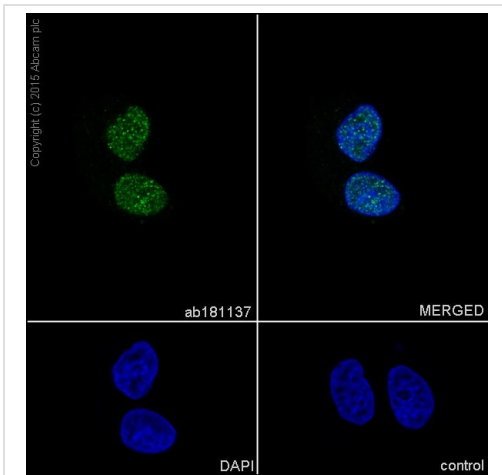
Intracellular Flow Cytometry analysis of MCF7 (Human cervix adenocarcinoma epithelial cell) cells labeling COUP TF1 with purified **ab181137** at 1/500 dilution (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488) secondary antibody was used at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue). This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181137**).



Immunocytochemistry/ Immunofluorescence - Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

Immunocytochemistry/ Immunofluorescence analysis of Jurkat (Human T cell leukemia T lymphocyte) cells labeling Coup TF2 with Purified **ab181137** at 1:100 dilution. Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). **ab150077** Goat anti rabbit IgG(Alexa Fluor® 488) was used as the secondary antibody at 1:1000 dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181137**).



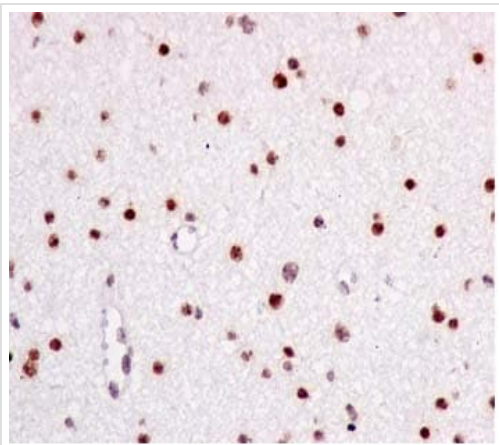
Immunocytochemistry/ Immunofluorescence - Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

Immunocytochemistry/Immunofluorescence analysis of MCF-7cells labelling COUP TF1 with unpurified **ab181137** at 1/500. Cells were fixed with 4% Paraformaldehyde. **ab150077**, an Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody.

**Control:** PBS only.

**Nuclear counter stain:** DAPI.

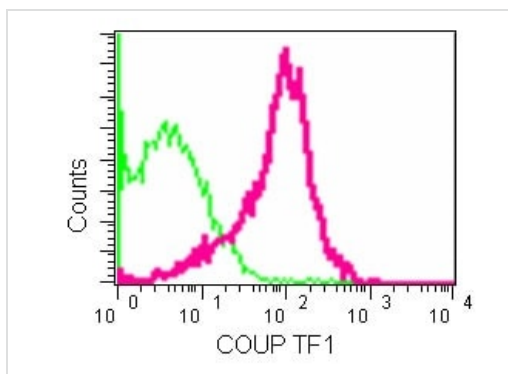
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181137**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

Immunohistochemical analysis of paraffin-embedded Human glioblastoma staining COUP TF1 using unpurified **ab181137** at 1/100. Prediluted HRP Polymer for Rabbit IgG was used as a secondary antibody, and Hematoxylin for counterstaining.

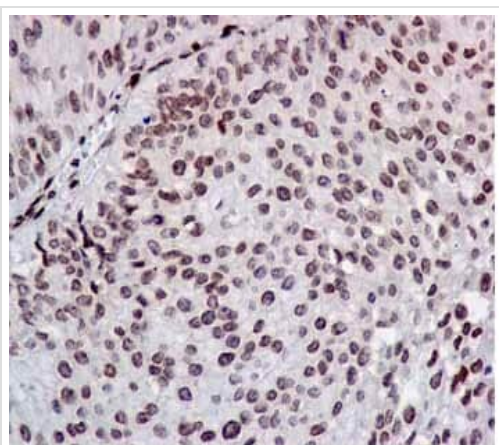
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181137**).



Flow Cytometry (Intracellular) - Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

Intracellular flow cytometric analysis of COUP TF1 labeling 2% paraformaldehyde fixed 293 cells using unpurified **ab181137** at 1/70 dilution (red), compared to a Rabbit monoclonal IgG isotype control (green). Goat anti rabbit IgG (FITC) secondary antibody was used at 1/150 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181137**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

This IHC data was generated using the same anti-COUP TF1 antibody clone [EPR10841] in a different buffer formulation (cat# **ab181137**).

Immunohistochemical analysis of paraffin-embedded Human transitional cell carcinoma staining COUP TF1 using **ab181137** at 1/100. Prediluted HRP Polymer for Rabbit IgG was used as a secondary antibody, and Hematoxylin for counterstaining.

## 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-COUP TF1 antibody [EPR10841] - BSA and Azide free (ab224272)

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

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