

### Anti-Cytokeratin 7+17 antibody [C-46] ab670

★★★★★ [2 Abreviews](#) [3 References](#) [画像数 3](#)

#### 製品の概要

製品名	Anti-Cytokeratin 7+17 antibody [C-46]
製品の詳細	Mouse monoclonal [C-46] to Cytokeratin 7+17
由来種	Mouse
特異性	Cytokeratin peptides 7 (54 kDa) and 17 (46 kDa)
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> Human <b>非交差種:</b> Mouse, Rat, Rabbit
免疫原	Tissue, cells or virus corresponding to Human Cytokeratin 7+17. Cytoskeleton preparation of HeLa cells (cervix carcinoma)
ポジティブ・コントロール	IHC-P: Human Pancreas tissue WB: HeLa
特記事項	<p>Strongly positive on most simple epithelia except for stomach, small intestine and colon mucosa, hepatocytes, pancreatic acini, renal tubules, also positive on some non-cornifying epithelia.</p> <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 or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
精製度	Protein A purified
特記事項 (精製)	Purified from culture supernatant. Purity >95% by SDS-PAGE.
ポリ/モノ	モノクローナル

クローン名	C-46
アイソタイプ	IgG1

## アプリケーション

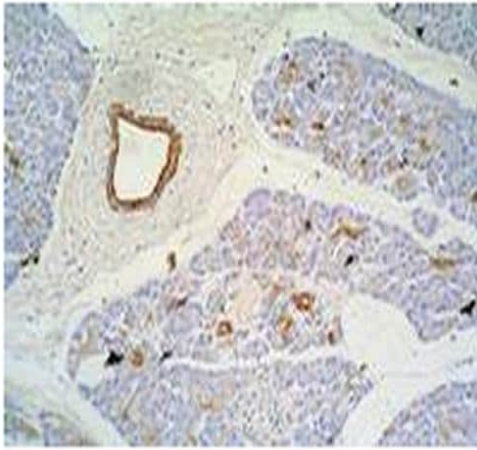
**The Abpromise guarantee**      Abpromise保証は、 次のテスト済みアプリケーションにおけるab670の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
<b>WB</b>		Use a concentration of 1 - 2 µg/ml. Sample preparation: Lysis 1% lauryl maltoside for 1 hour, 5x10 sec. sonication, 5 min. in hot Laemmli buffer (reducing conditions)
<b>IHC-P</b>		Use a concentration of 10 µg/ml. Perform enzymatic antigen retrieval before commencing with IHC staining protocol. pretreatment: 0,1% pepsin, 30 min, 37°C, incubation 4°C overnight, chromogen DAB

## ターゲット情報

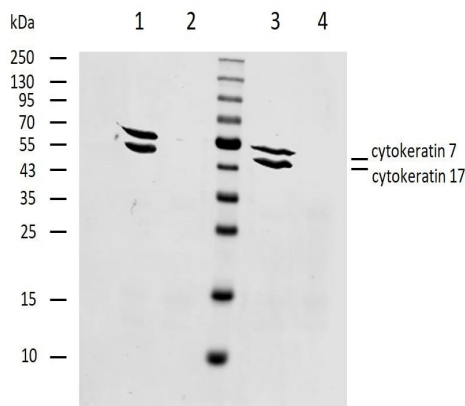
<b>関連性</b>	Cytokeratin 7 and 17 is a heterotetramer of a type I and type II keratins. Interacts with eukaryotic translation initiator factor 3 (eIF3) subunit EIF3S10 and with HPV16 E7. Cytokeratin 7 blocks interferon-dependent interphase and stimulates DNA synthesis in cells. Involved in the translational regulation of the human papillomavirus type 16 E7 mRNA (HPV16 E7). Cytokeratin 17 is required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state. Modulates the function of TNF-alpha in the specific context of hair cycling.
<b>細胞内局在</b>	Cytoplasmic

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7+17 antibody [C-46] (ab670)

Ab670 (20ug/ml) staining human Cytokeratin 7+17 in human pancreas by immunohistochemistry using formalin fixed, paraffin embedded tissue.



Western blot - Anti-Cytokeratin 7+17 antibody [C-46] (ab670)

**All lanes :** Anti-Cytokeratin 7+17 antibody [C-46] (ab670) at 2 µg/ml

**Lane 1 :** HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate (Non-Reducing)

**Lane 2 :** Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate (Non-Reducing)

**Lane 3 :** HeLa (Human epithelial cell line from cervix adenocarcinoma) whole cell lysate (Reducing)

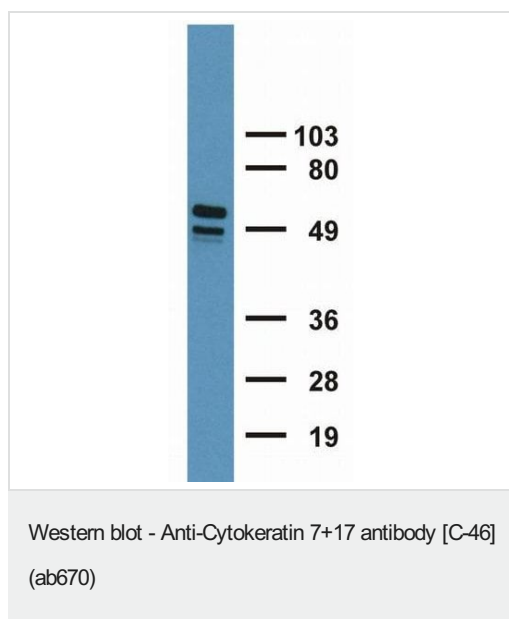
**Lane 4 :** Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate (Reducing)

### Secondary

**All lanes :** IRDye800-conjugated anti-mouse IgG1 secondary antibody

**Observed band size:** 46,54 kDa

A specific band was detected for cytokeratin 17 at approximately 46 kDa and for cytokeratin 7 at approximately 54 kDa.



Anti-Cytokeratin 7+17 antibody [C-46] (ab670) at 1 µg/ml + HeLa cell lysate

**Observed band size:** 49,51 kDa

Sample preparation: Lysis 1% lauryl maltoside for 1 hour, 5x10 sec. sonication; 5 min. in hot Laemmli buffer (reducing conditions.)

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

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