


### Biotin Anti-Cytokeratin 18 antibody [C-04] ab27553

★★★★★ [2 Abreviews](#) [4 References](#) [画像数 1](#)

#### 製品の概要

製品名	Biotin Anti-Cytokeratin 18 antibody [C-04]
製品の詳細	Biotin Mouse monoclonal [C-04] to Cytokeratin 18
由来種	Mouse
標識	Biotin
アプリケーション	<b>適用あり:</b> WB
種交差性	<b>交差種:</b> Human <b>交差が予測される動物種:</b> Mammals 
免疫原	Tissue, cells or virus corresponding to Human Cytokeratin 18. Cytoskeleton preparation of epidermal carcinoma cell line A431
ポジティブ・コントロール	WB: HT-29 (reducing and non-reducing conditions) cell lysate.
特記事項	<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). 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	Size exclusion
特記事項(精製)	Purity >95% by SDS-PAGE.
ポリ/モノ	モノクローナル
クローン名	C-04

## 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ab27553の使用に適用されます

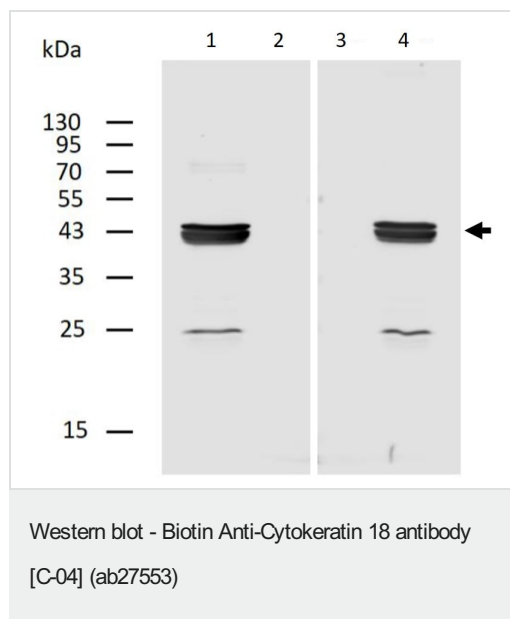
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		1/500. Predicted molecular weight: 47 kDa.

## ターゲット情報

機能	Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
組織特異性	Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.
関連疾患	Defects in KRT18 are a cause of cirrhosis (CIRRH) [MIM:215600].
配列類似性	Belongs to the intermediate filament family.
翻訳後修飾	Phosphorylation at Ser-34 increases during mitosis. Hyperphosphorylated at Ser-53 in diseased cirrhosis liver. Phosphorylation increases by IL-6. Proteolytically cleaved by caspases during epithelial cell apoptosis. Cleavage occurs at Asp-238 by either caspase-3, caspase-6 or caspase-7. O-glycosylated at multiple sites; glycans consist of single N-acetylglucosamine residues.
細胞内局在	Cytoplasm > perinuclear region.

## 画像



**All lanes :** Biotin Anti-Cytokeratin 18 antibody [C-04] (ab27553) at 2 µg/ml

**Lane 1 :** HT-29 (Human colorectal adenocarcinoma cell line) whole cell lysate (reducing conditions)

**Lane 2 :** MOLT-4 (Human lymphoblastic leukemia cell line) whole cell lysate (reducing conditions)

**Lane 3 :** MOLT-4 (Human lymphoblastic leukemia cell line) whole cell lysate (non-reducing conditions)

**Lane 4 :** HT-29 (Human colorectal adenocarcinoma cell line) whole cell lysate (non-reducing conditions)

### Secondary

**All lanes :** Conjugated Streptavidin

**Predicted band size:** 47 kDa

**Observed band size:** 46 kDa

Proteolytic fragment observed at approximately 25 kDa.

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

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