

### Biotin Anti-Cytokeratin 18 antibody [DA-7] ab27549

**1 References** [画像数 1](#)

#### 製品の概要

製品名	Biotin Anti-Cytokeratin 18 antibody [DA-7]
製品の詳細	Biotin Mouse monoclonal [DA-7] to Cytokeratin 18
由来種	Mouse
標識	Biotin
特異性	ab27549 recognises Cytokeratin peptide 18. We have data to indicate that this antibody may not cross react with wide range of other species. However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
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
免疫原	Tissue, cells or virus corresponding to Human Cytokeratin 18. Human breast carcinoma cell line PMC-42
ポジティブ・コントロール	WB: HT-29 (reducing and non-reducing conditions) whole 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	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 DA-7  
アイソタイプ IgG1

## アプリケーション

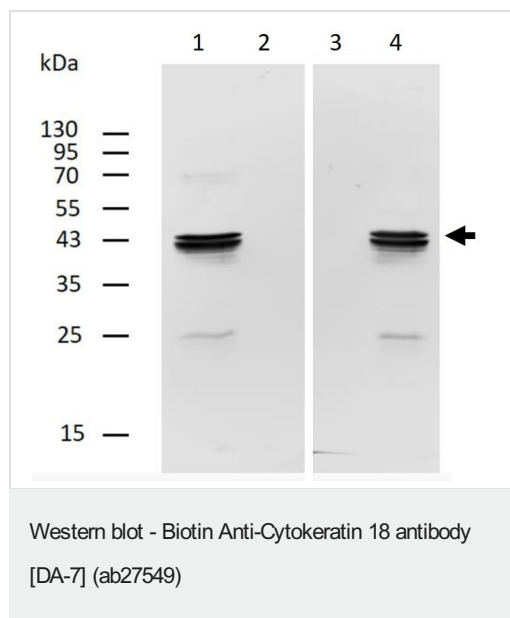
**The Abpromise guarantee** Abpromise保証は、 次のテスト済みアプリケーションにおけるab27549の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 45 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 [DA-7] (ab27549) 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)

**Predicted band size:** 45 kDa

**Observed band size:** 46 kDa

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

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