

### Anti-Cytokeratin 8+18 antibody [5D3] ab17139

★★★★★ [1 Abreviews](#) [7 References](#) [画像数 2](#)

#### 製品の概要

製品名	Anti-Cytokeratin 8+18 antibody [5D3]
製品の詳細	Mouse monoclonal [5D3] to Cytokeratin 8+18
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, ICC/IF, IHC-P, Flow Cyt
種交差性	<b>交差種:</b> Human
免疫原	Tissue, cells or virus corresponding to Human Cytokeratin 8+18. Cytokeratins from the human breast carcinoma cell line MCF-7
ポジティブ・コントロール	IHC-P: Human Skin tissue. Flow cyt: MCF7 cells.
特記事項	<p>This antibody stains simple and glandular epithelium. It can be useful for the identification of adenocarcinomas and most squamous cell carcinomas.</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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.3</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: Tissue culture supernatant, 1% BSA</p>
精製度	Tissue culture supernatant
一次抗体 備考	This antibody stains simple and glandular epithelium. It can be useful for the identification of adenocarcinomas and most squamous cell carcinomas.

ポリ/モノ	モノクローナル
クローン名	5D3
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ab17139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。

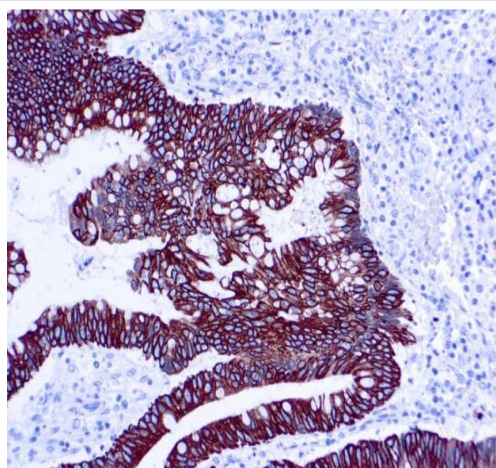
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration.
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration. PubMed: 21102523
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt		1/100. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## ターゲット情報

**関連性** Function: Together with KRT19, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle. Tissue specificity: Observed in muscle fibers accumulating in the costameres of myoplasm at the sarcolemma membrane in structures that contain dystrophin and spectrin. Expressed in gingival mucosa and hard palate of the oral cavity. Disease: Cirrhosis Similarity: Belongs to the intermediate filament family. PTM: Phosphorylation on serine residues is enhanced during EGF stimulation and mitosis. Ser-74 phosphorylation plays an important role in keratin filament reorganization. O-glycosylated. O-GlcNAcylation at multiple sites increases solubility, and decreases stability by inducing proteasomal degradation. O-glycosylated (O-GlcNAcylated), in a cell cycle-dependent manner.

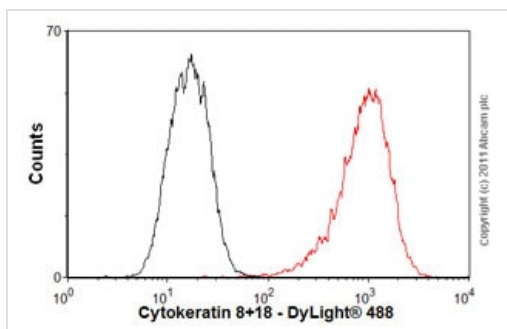
**細胞内局在** Cytoplasmic

## 画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 8+18 antibody [5D3] (ab17139)

Paraffin embedded human skin tissue stained for Cytokeratin 8/18 using ab 17139 in immunohistochemical analysis.



Flow Cytometry - Anti-Cytokeratin 8+18 antibody [5D3] (ab17139)

Overlay histogram showing MCF7 cells stained with ab17139 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab17139, 1/100 dilution) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) ([ab96879](#)) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] ([ab91353](#), 2µg/1x10<sup>6</sup> cells ) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in MCF7 cells fixed with 4% paraformaldehyde (10 min)/permeabilized in 0.1% PBS-Tween used under the same conditions.

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

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