


Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker ab9021

★★★★★ [16 Abreviews](#) [93 References](#) [画像数 9](#)

製品の概要

製品名	Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker
製品の詳細	Mouse monoclonal [RCK105] to Cytokeratin 7 - Cytoskeleton Marker
由来種	Mouse
特異性	This antibody reacts exclusively with cytokeratin 7 which is present in a subgroup of glandular epithelia and their tumors, as well as transitional epithelium and transitional carcinoma.
アプリケーション	適用あり: IHC-Fr, IHC-P
種交差性	交差種: Human, Pig 交差が予測される動物種: Rat, Goat, Hamster, Cat, Dog, Zebrafish 
免疫原	Full length native protein (purified) corresponding to Human Cytokeratin 7. BALB/c mouse immunized with cytokeratins from the human bladder carcinoma cell line T24.
ポジティブ・コントロール	IHC-P: Human liver tissue, mouse ovary and bladder tissue IHC-Fr: Human liver, urinary bladder tissue, Pig liver and skin tissue
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&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	Preservative: 0.09% Sodium azide Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル

クローン名	RCK105
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG1

アプリケーション

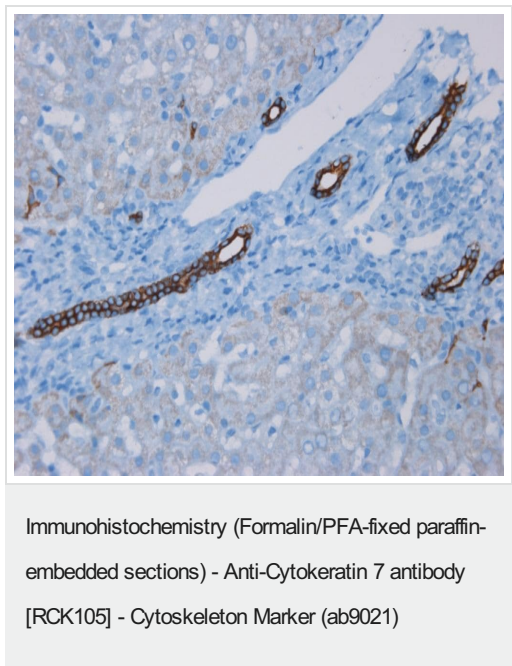
The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab9021の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-Fr	★★★★★ (2)	1/100 - 1/500.
IHC-P	★★★★★ (5)	1/1000.

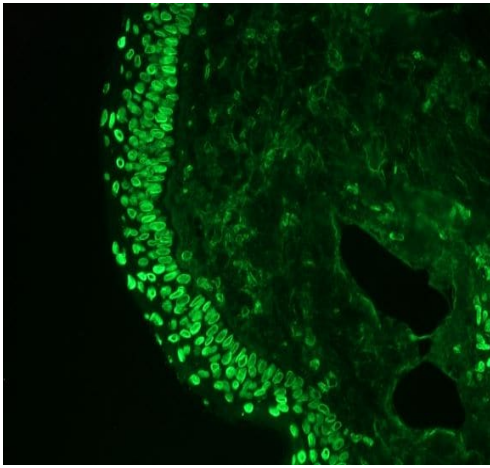
ターゲット情報

機能	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).
組織特異性	Expressed in cultured epidermal, bronchial and mesothelial cells but absent in colon, ectocervix and liver. Observed throughout the glandular cells in the junction between stomach and esophagus but is absent in the esophagus.
配列類似性	Belongs to the intermediate filament family.
翻訳後修飾	Arg-20 is dimethylated, probably to asymmetric dimethylarginine.
細胞内局在	Cytoplasm.

画像

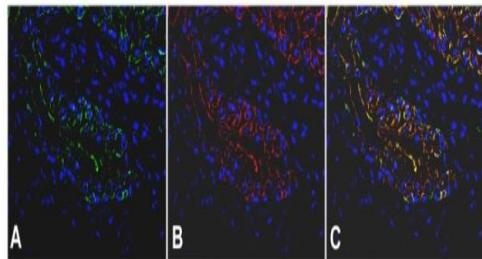


Immunohistochemistry analysis of formalin fixed, paraffin embedded sections of human liver tissue labeling Cytokeratin 7 with ab9021 at 1/100; showing positive staining in the epithelial cells lining the bile ducts and no reactivity in hepatocytes or connective tissue.



Immunohistochemistry (Frozen sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)

ab9021 staining normal pig skin tissue section (frozen), staining epithelial cells using ab9021 at 1/500.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)

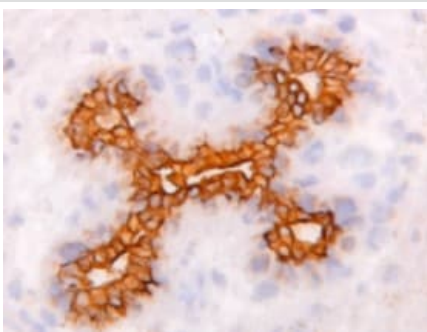
Yang, X. et al PLoS One. 2013 Sep 18;8(9):e74809. doi: 10.1371/journal.pone.0074809. eCollection 2013
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Immunofluorescent staining of β -galactosidase and cytokeratin expression of urinary bladder after intravesical treatment with Adeno-Cre

Formalin-fixed, paraffin-embedded mouse bladder tissue stained for β -galactosidase (green, A) or Cytokeratin 7 (red, B). Panel C shows the colocalization of β -galactosidase and Cytokeratin 7. The nuclear counterstain is DAPI (blue).

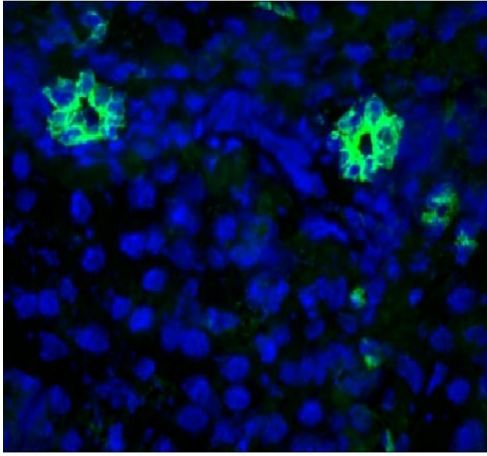
Cytokeratin 7 was detected using ab9021.

(After Figure 3 of Yang et al)



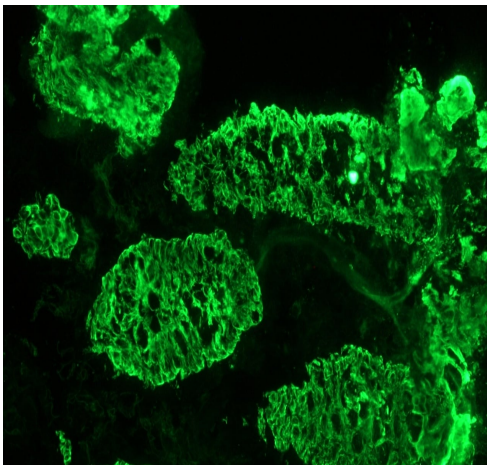
Immunohistochemistry (Frozen sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)

ab9021 staining normal breast tissue section (frozen), fixated in Methanol, staining epithelial cells. These pictures are part of the review submitted by Rene Villadsen.



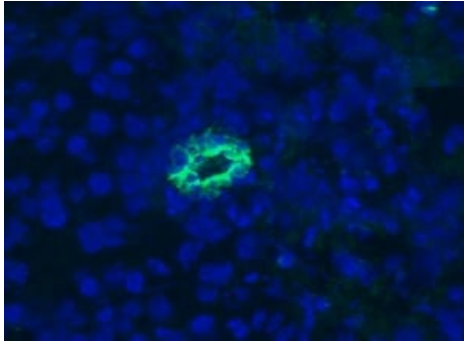
Immunohistochemistry (Frozen sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)

Immunohistochemistry analysis of frozen sections of human liver labeling Cytokeratin 7 with ab9021 at 1/500; showing positive staining in the epithelial cells lining the bile ducts and no reactivity in hepatocytes or connective tissue.



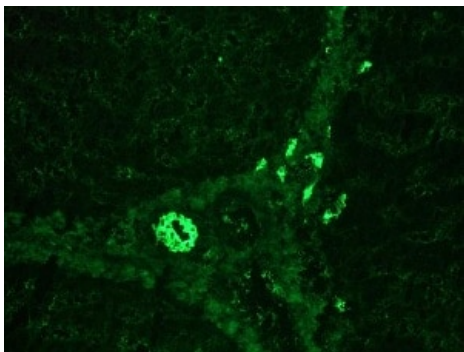
Immunohistochemistry (Frozen sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)

Immunohistochemistry analysis of frozen sections of human urinary bladder labeling Cytokeratin 7 with ab9021 at 1/500; showing positive staining in the epithelial cells and no reactivity in connective tissue.



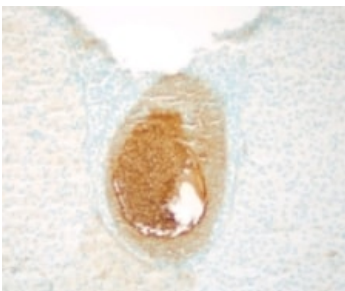
Immunohistochemistry on frozen sections of human liver, only bile duct epithelium positive; no reaction in hepatocytes

Immunohistochemistry (Frozen sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)



Immunohistochemistry on frozen sections of swine liver, only bile duct epithelium positive; no reaction in hepatocytes

Immunohistochemistry (Frozen sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)



Formalin fixed paraffin embedded mouse ovary tissue. Ab9021 used at 1:1000 incubated with overnight incubation with a biotinylated secondary and peroxidase/DAB detection.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 7 antibody [RCK105] - Cytoskeleton Marker (ab9021)

This image is courtesy of an Abreview submitted by
These pictures are part of the review submitted by Todd Gocken

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