

Anti-NAPSIN A antibody [KCG1.1] ab73021

★★★★☆ [1 Abreviews](#) [5 References](#) [画像数 2](#)

製品の概要

製品名	Anti-NAPSIN A antibody [KCG1.1]
製品の詳細	Mouse monoclonal [KCG1.1] to NAPSIN A
由来種	Mouse
特異性	Napsin A reactivity was determined immunohistochemically on formalin-fixed paraffin-embedded cell blocks from 50 pleural effusion (5 mesotheliomas, 10 mesothelial proliferations, 12 pulmonary, and 23 nonpulmonary metastases). Napsin A was positive in 10/12 pulmonary adenocarcinomas. The specificity of this antibody for primary lung adenocarcinoma is 47 out of 58 (81%), primary lesions were positive.
アプリケーション	適用あり: Flow Cyt, IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide from the N terminus of human NAPSIN A
ポジティブ・コントロール	IHC-P: Lung Adenocarcinoma tissue. Flow cyt: A549 cells.
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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.3 Preservative: 0.05% Sodium azide Constituents: 1% BSA, PBS
精製度	IgG fraction
ポリ/モノ	モノクローナル
クローン名	KCG1.1

アプリケーション

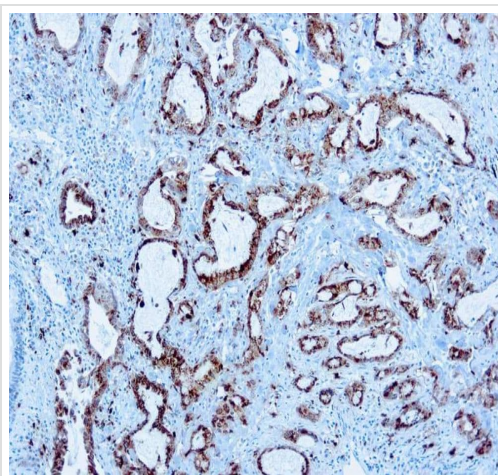
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab73021の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt		1/50 - 1/100. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P		1/50 - 1/100. 30 minutes at room temperature in an ABC method. Formalin-fixed paraffin-embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining

ターゲット情報

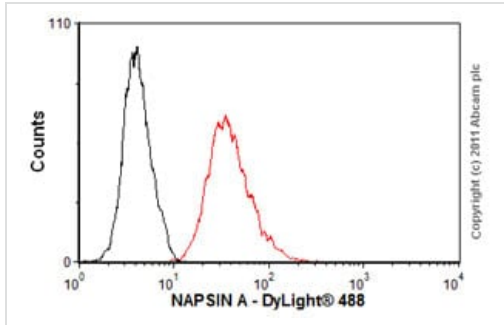
機能	May be involved in processing of pneumocyte surfactant precursors.
組織特異性	Expressed predominantly in adult lung (type II pneumocytes) and kidney and in fetal lung. Low levels in adult spleen and very low levels in peripheral blood leukocytes.
配列類似性	Belongs to the peptidase A1 family.
細胞内局在	Secreted.

画像



Paraffin embedded mouse lung adenocarcinoma tissue stained for Napsin A using ab73021 in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NAPSIN A antibody
[KCG1.1] (ab73021)



Flow Cytometry - Anti-NAPSIN A antibody [KCG1.1] (ab73021)

Overlay histogram showing A549 cells stained with ab73021 (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 followed by the antibody (ab73021, 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 [CIGG1] (**ab91353**, 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in A549 cells fixed with 4% paraformaldehyde (10 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

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