

Anti-NAPSIN A antibody [KCG1.1] ab73021

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概述

产品名称	Anti-NAPSIN A抗体[KCG1.1]
描述	小鼠单克隆抗体[KCG1.1] to NAPSIN A
宿主	Mouse
特异性	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.
经测试应用	适用于: Flow Cyt, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide from the N terminus of human NAPSIN A
阳性对照	IHC-P: Lung Adenocarcinoma tissue. Flow cyt: A549 cells.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.3 Preservative: 0.05% Sodium azide Constituents: 1% BSA, PBS
纯度	IgG fraction
克隆	单克隆
克隆编号	KCG1.1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab73021于以下的经测试应用

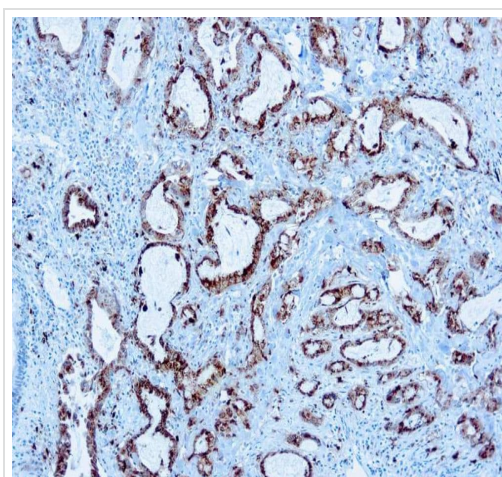
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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

靶标

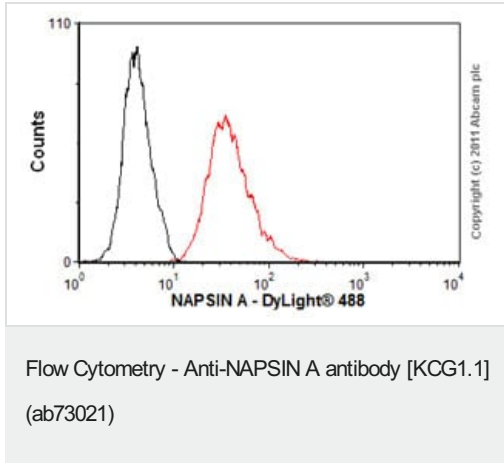
功能	May be involved in processing of pneumocyte surfactant precursors.
组织特异性	Expressed predominantly in adult lung (type II pneumocytes) and kidney and in fetal lung. Low levels in adult spleen and very low levels in peripheral blood leukocytes.
序列相似性	Belongs to the peptidase A1 family.
细胞定位	Secreted.

图片



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)



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.

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

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