

Biotin Anti-Cytokeratin 18 antibody [DC-10] ab27551

2 图像

概述

产品名称	生物素Anti-Cytokeratin 18抗体[DC-10]
描述	生物素小鼠单克隆抗体[DC-10] to Cytokeratin 18
宿主	Mouse
偶联物	Biotin
特异性	ab27551 recognises cytokeratin peptide 18 (45 kDa) in human tissue.
经测试应用	适用于: Flow Cyt (Intra), WB
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human Cytokeratin 18. Human breast carcinoma cell line PMC-42
阳性对照	Flow Cyt (Intra): HeLa human cervix carcinoma cell. WB: HT-29 (reducing and non-reducing conditions) cell lysate.
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	<p>pH: 7.40</p> <p>Preservative: 0.097% Sodium azide</p> <p>Constituent: PBS</p>
纯度	IgG fraction
克隆	单克隆
克隆编号	DC-10

同种型

IgG1

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab27551于以下的经测试应用

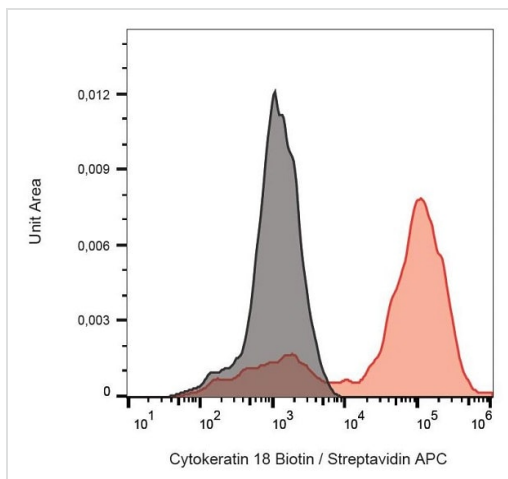
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		Use a concentration of 2 - 6 µg/ml.
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 48 kDa.

靶标

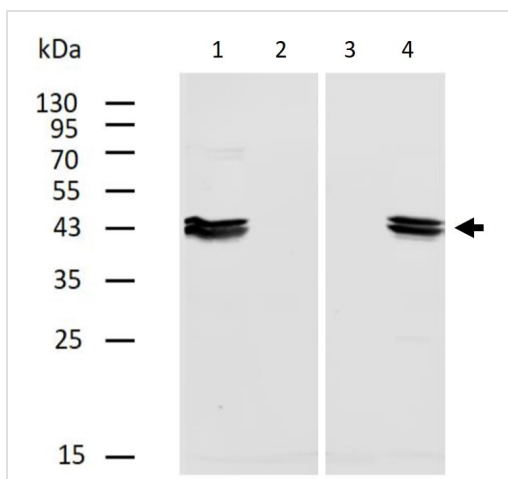
功能	Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
组织特异性	Expressed in colon, placenta, liver and very weakly in exocervix. Increased expression observed in lymph nodes of breast carcinoma.
疾病相关	Defects in KRT18 are a cause of cirrhosis (CIRRH) [MIM:215600].
序列相似性	Belongs to the intermediate filament family.
翻译后修饰	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.
细胞定位	Cytoplasm > perinuclear region.

图片



Flow Cytometry (Intracellular) - Biotin Anti-Cytokeratin 18 antibody [DC-10] (ab27551)

Flow Cytometry analysis (intracellular staining) of HeLa cells labeling Cytokeratin 18 with ab27551 and streptavidin APC at 6 µg / ml concentration (red), and blank sample (black)



Western blot - Biotin Anti-Cytokeratin 18 antibody [DC-10] (ab27551)

All lanes : Biotin Anti-Cytokeratin 18 antibody [DC-10] (ab27551) at 2 µg/ml

Lane 1 : HT-29 (Human colorectal adenocarcinoma cell line) whole cell lysate (reducing conditions)

Lanes 2-3 : MOLT-4 (Human lymphoblastic leukemia cell line) whole cell lysate (reducing conditions)

Lane 4 : HT-29 (Human colorectal adenocarcinoma cell line) whole cell lysate (non-reducing conditions)

Predicted band size: 48 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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