

Biotin Anti-Cytokeratin 18 antibody [DA-7] ab27549

1 References [1 图像](#)

概述

产品名称	生物素Anti-Cytokeratin 18抗体[DA-7]
描述	生物素小鼠单克隆抗体[DA-7] to Cytokeratin 18
宿主	Mouse
偶联物	Biotin
特异性	ab27549 recognises Cytokeratin peptide 18. We have data to indicate that this antibody may not cross react with wide range of other species. However, this has not been conclusively tested and expression levels may vary in certain cell lines/tissues.
经测试应用	适用于: 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	WB: HT-29 (reducing and non-reducing conditions) whole 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	Protein A purified
克隆	单克隆

克隆编号	DA-7
同种型	IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab27549于以下的经测试应用

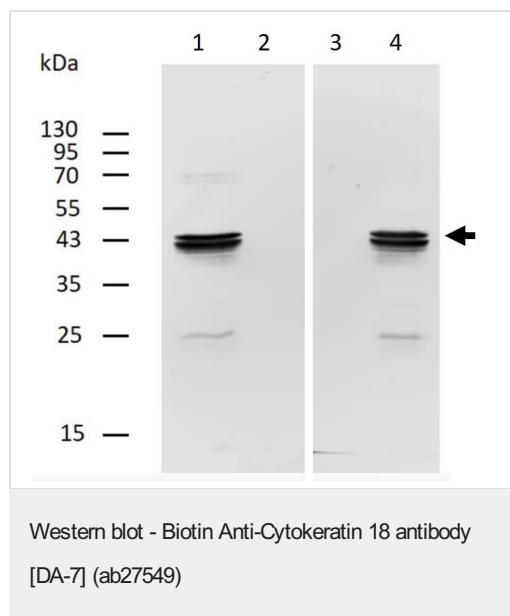
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 - 2 µg/ml. Predicted molecular weight: 45 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



All lanes : Biotin Anti-Cytokeratin 18 antibody [DA-7] (ab27549) at 2 µg/ml

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

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

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

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

Predicted band size: 45 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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