

Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] ab40

重组

12 References 7 图像

概述

产品名称	Anti-Cytokeratin 5 + 6 + 18抗体[LP34]
描述	小鼠单克隆抗体[LP34] to Cytokeratin 5 + 6 + 18
宿主	Mouse
经测试应用	适用于: WB, IHC-P 不适用于: ICC/IF
种属反应性	与反应: Human
免疫原	Tissue, cells or virus. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-P: Human skin and tonsil tissue. Human pancreatic carcinoma and bladder carcinoma tissue. WB: Human skin lysate. HeLa, MCF7 and HepG2 whole cell lysate.
常规说明	<p>This antibody clone is manufactured by Abcam. If you require a custom buffer formulation or conjugation for your experiments, please contact orders@abcam.com.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
纯度	Protein A purified
克隆	单克隆
克隆编号	LP34

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab40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 0.424 µg/ml.
IHC-P		Use a concentration of 0.085 µg/ml. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

应用说明

Is unsuitable for ICC/IF.

靶标

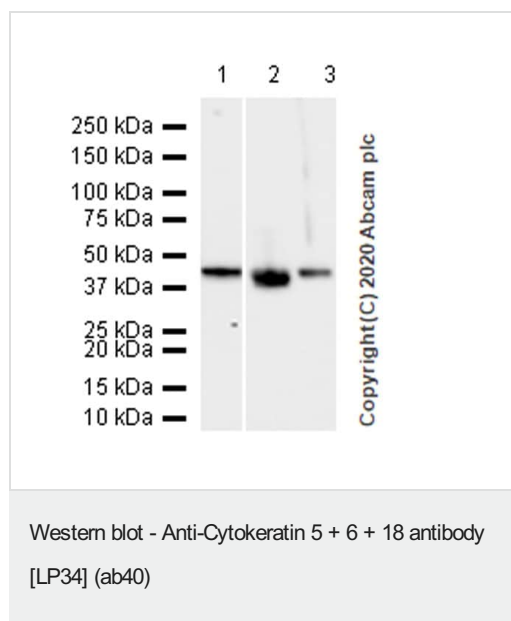
相关性

Keratins 5, 6 are members of type II keratins family that are specifically expressed in the inner root sheath of hair follicles. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. Keratin 18 is member of the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family.

细胞定位

Cytoplasmic

图片



All lanes : Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (ab40) at 0.424 µg/ml

Lane 1 : HeLa (human cervix adenocarcinoma epithelial cell), whole cell lysate

Lane 2 : MCF7 (human breast adenocarcinoma epithelial cell), whole cell lysate

Lane 3 : HepG2 (human hepatocellular carcinoma epithelial cell), whole cell lysate

Lysates/proteins at 20 µg per lane.

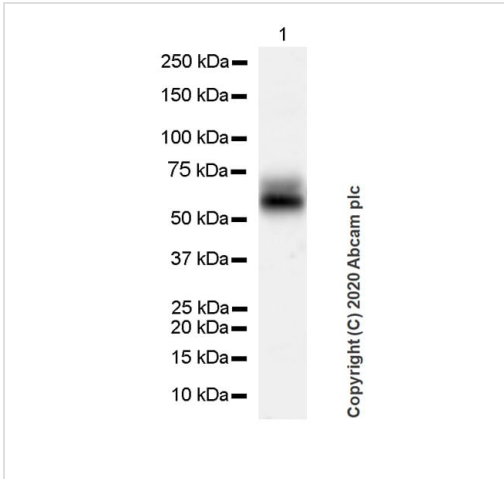
Secondary

All lanes : Peroxidase-Conjugated Goat anti-Mouse IgG (H+L) at 1/10000 dilution

Observed band size: 45 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.

Exposure times: Lane 1: 15 secs; Lane 2-3: 3 secs.



Western blot - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (ab40)

Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (ab40) at 1/1000 dilution + Human skin lysate at 20 µg

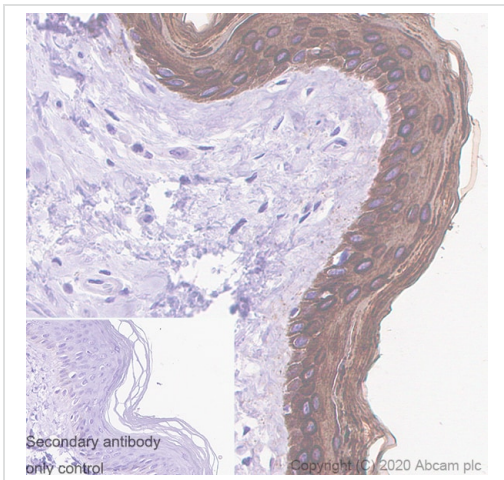
Secondary

Anti-mouse IgG for IP (HRP) ([ab131368](#)) at 1/1000 dilution

Observed band size: 58 kDa

Exposure time: 114 seconds

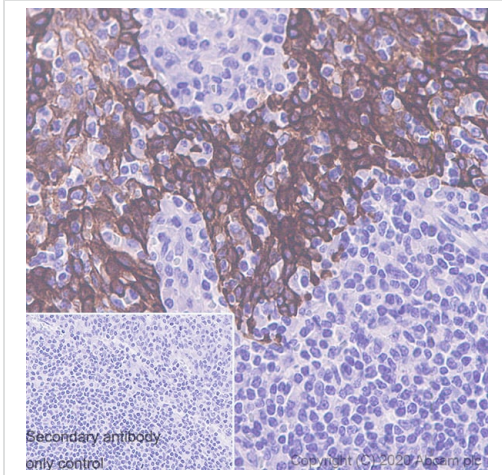
Blocking/Dilution buffer: 5% NFDm/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (ab40)

Immunohistochemical analysis of paraffin-embedded human skin labeling Cytokeratin 5 + 6 + 18 with ab40 at 1/1000 dilution, followed by a ready to use secondary. Positive staining on human skin is observed. The section was incubated with ab40 for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND[®] RX instrument. Counterstained with hematoxylin.

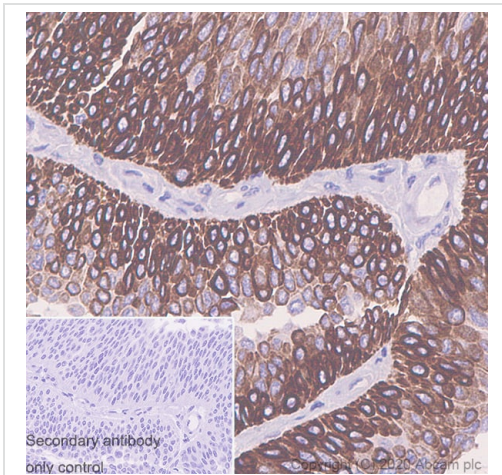
Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.



Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling Cytokeratin 5 + 6 + 18 with ab40 at 0.085µg/ml, followed by a ready to use secondary. Positive staining on the epithelial cells of human tonsil tissue is observed. The section was incubated with ab40 for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND[®] RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

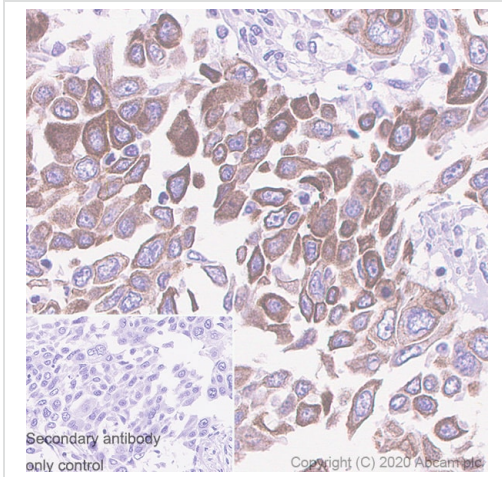
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (ab40)



Immunohistochemical analysis of paraffin-embedded human bladder carcinoma tissue labeling Cytokeratin 5 + 6 + 18 with ab40 at 0.085µg/ml, followed by a ready to use secondary. Positive staining on human bladder carcinoma tissue is observed. The section was incubated with ab40 for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND[®] RX instrument. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (ab40)



Immunohistochemical analysis of paraffin-embedded human pancreatic carcinoma tissue labeling Cytokeratin 5 + 6 + 18 with ab40 at 0.085µg/ml, followed by a ready to use secondary. Positive staining on human pancreatic carcinoma tissue is observed. The section was incubated with ab40 for 30 mins at RT. The immunostaining staining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, followed by a ready to use secondary. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Cytokeratin 5 + 6 + 18 antibody [LP34] (ab40)

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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